User Manual

Read and understand this manual before using machine.

TABLE SAW

Shown with optional Fence

Model Numbers
35600
35605

C US

STEEL CITY TOOL WORKS

Manual Part No. OR70131

THANK YOU for purchasing your new Steel City Table Saw. This table saw has been designed, tested, and inspected with you, the customer, in mind. When properly used and maintained, your table saw will provide you with years of trouble free service, which is why it is backed by one of the longest machinery warranties in the business.

This table saw is just one of many products in the Steel City's family of woodworking machinery and is proof of our commitment to total customer satisfaction.

At Steel City we continue to strive for excellence each and every day and value the opinion of you, our customer. For comments about your table saw or Steel City Tool Works, please visit our web site at **www.steelcitytoolworks.com** .

TABLE OF CONTENTS

INTRODUCTION

SECTION 1 Warranty 4

SECTION 2 Product Specifications 7

SECTION 3 Accessories and Attachments 7

SECTION 4 Definition of Terms 8

SECTION 5 Feature Identification 9

SECTION 6 General Safety 10

SECTION 7 Product Safety 12

SECTION 8 Electrical Requirements 13

SECTION 9 Unpacking & Inventory 15

SECTION 10 Assembly 17

SECTION 11 Adjustments 22

SECTION 12 Operations 28

SECTION 13 Maintenance 33

SECTION 14 Troubleshooting 34

SECTION 15 Parts List 36-41

INTRODUCTION

This user manual is intended for use by anyone working with this machine. It should be kept available for immediate reference so that all operations can be performed with maximum efficiency and safety. Do not attempt to perform maintenance or operate this machine until you have read and understand the information contained in this manual.

The drawings, illustrations, photographs, and specifications in this user manual represent your machine at time of print. However, changes may be made to your machine or this manual at any time with no obligation to Steel City Tool Works.

WARRANTY

STEEL CITY TOOL WORKS
5 YEAR LIMITED WARRANTY

Steel City Tool Works, LLC ("SCTW") warrants all "STEEL CITY TOOL WORKS" machinery to be free of defects in workmanship and materials for a period of 5 years from the date of the original retail purchase by the original owner. SCTW will repair or replace, at its expense and at its option, any SCTW machine, machine part, or machine accessory which in normal use has proven to be defective, provided that the customer returns the product, shipping prepaid, to an authorized service center with proof of purchase and provides SCTW with a reasonable opportunity to verify the alleged defect by inspection. This warranty does not apply to defects due directly or indirectly to misuse, abuse, negligence, accidents, or lack of maintenance, or to repairs or alterations made or specifically authorized by anyone other than SCTW. Normal wear components are also excluded under this coverage. Every effort has been made to ensure that all SCTW machinery meets the highest quality and durability standards. We reserve the right to change specifications at any time due to our commitment to continuous improvement of the quality of our products.

EXCEPT AS SET FORTH ABOVE, SCTW MAKES NO EXPRESS OR IMPLIED REPRESENTATIONS OR WARRANTIES WITH RESPECT TO ITS MACHINERY, OR ITS CONDITION, MERCHANTABILITY, OR FITNESS FOR ANY PARTICULAR PURPOSE OR USE. SCTW FURNISHES THE ABOVE WARRANTIES IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY SPECIFICALLY DISCLAIMED.

SCTW SHALL NOT BE LIABLE FOR ANY (A) SPECIAL, INDIRECT, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES, INCLUDING WITHOUT LIMITATION LOSS OF PROFITS, ARISING FROM OR RELATED TO THIS WARRANTY, THE BREACH OF ANY AGREEMENT OR WARRANTY, OR THE OPERATION OR USE OF ITS MACHINERY, INCLUDING WITHOUT LIMITATION DAMAGES ARISING FROM DAMAGE TO FIXTURES, TOOLS, EQUIPMENT, PARTS OR MATERIALS, DIRECT OR INDIRECT LOSS CAUSED BY ANY OTHER PARTY, LOSS OF REVENUE OR PROFITS, FINANCING OR INTEREST CHARGES, AND CLAIMS BY ANY THIRD PERSON, WHETHER OR NOT NOTICE OF SUCH POSSIBLE DAMAGES HAS BEEN GIVEN TO SCTW; (B) DAMAGES OF ANY KIND FOR ANY DELAY BY OR FAILURE OF SCTW TO PERFORM ITS OBLIGATIONS UNDER THIS AGREEMENT; OR (C) CLAIMS MADE A SUBJECT OF A LEGAL PROCEEDING AGAINST SCTW MORE THAN ONE (1) YEAR AFTER SUCH CAUSE OF ACTION FIRST AROSE.

The validity, construction and performance of this Warranty and any sale of machinery by SCTW shall be governed by the laws of the Commonwealth of Pennsylvania, without regard to conflicts of laws provisions of any jurisdiction. Any action related in any way to any alleged or actual offer, acceptance or sale by SCTW, or any claim related to the performance of any agreement including without limitation this Warranty, shall take place in the federal or state courts in Allegheny County, Pennsylvania.

STEEL CITY TOOL WORKS

WARRANTY CARD

Name _____
Street _____
Apt. No. _____
City _____ State _____ Zip _____
Phone Number _____
E-Mail _____

Product Description: _____
Model No.: _____
Serial No. _____

The following information is given on a voluntary basis and is strictly confidential.

1. Where did you purchase your STEEL CITY machine?
   Store: _____
   City: _____

2. How did you first learn of Steel City Tool Works?
   ___ Advertisement ___ Mail Order Catalog
   ___ Web Site ___ Friend
   ___ Local Store Other_____

3. Which of the following magazines do you subscribe to?
   ___ American Woodworker ___ American How-To
   ___ Cabinetmaker ___ Family Handyman
   ___ Fine Homebuilding ___ Fine Woodworking
   ___ Journal of Light Construction ___ Old House Journal
   ___ Popular Mechanics ___ Popular Science
   ___ Popular Woodworking ___ Today's Homeowner
   ___ WOOD ___ Woodcraft
   ___ WOODEN Boat ___ Woodshop News
   ___ Woodsmith ___ Woodwork
   ___ Woodworker ___ Woodworker's Journal
   ___ Workbench Other_____

4. Which of the following woodworking / remodeling shows do you watch?
   ___ Backyard America ___ The American Woodworker
   ___ Home Time ___ The New Yankee Workshop
   ___ This Old House ___ Woodwright's Shop
   Other_____

5. What is your annual household income?
   ___ $20,000 to $29,999 ___ $30,000 to $39,999
   ___ $40,000 to $49,999 ___ $50,000 to $59,999
   ___ $60,000 to $69,999 ___ 70,000 to $79,999
   ___ $80,000 to $89,999 ___ $90,000 +

6. What is your age group?
   ___ 20 to 29 years ___ 30 to 39 years
   ___ 40 to 49 years ___ 50 to 59 years
   ___ 60 to 69 years ___ 70 + years

7. How long have you been a woodworker?
   ___ 0 to 2 years ___ 2 to 8 years
   ___ 8 to 20 years ___ over 20 years

8. How would you rank your woodworking skills?
   ___ Simple ___ Intermediate
   ___ Advance ___ Master Craftsman

9. How many Steel City machines do you own? _____

10. What stationary woodworking tools do you own?
    Check all that apply.
    ___ Air Compressor ___ Band Saw
    ___ Drill Press ___ Drum Sander
    ___ Dust Collection ___ Horizontal Boring Machine
    ___ Jointer ___ Lathe
    ___ Mortiser ___ Panel Saw
    ___ Planer ___ Power Feeder
    ___ Radial Arm Saw ___ Shaper
    ___ Spindle Sander ___ Table Saw
    ___ Vacuum Veneer Press ___ Wide Belt Sander
    Other_____

11. Which benchtop tools do you own? *Check all that apply.*
    ___ Belt Sander ___ Belt / Disc Sander
    ___ Drill Press ___ Band Saw
    ___ Grinder ___ Mini Jointer
    ___ Mini Lathe ___ Scroll Saw
    ___ Spindle / Belt Sander Other_____

12. Which portable / hand held power tools do you own?
    Check all that apply.
    ___ Belt Sander ___ Biscuit Jointer
    ___ Dust Collector ___ Circular Saw
    ___ Detail Sander ___ Drill / Driver
    ___ Miter Saw ___ Orbital Sander
    ___ Palm Sander ___ Portable Thickness Planer
    ___ Saber Saw ___ Reciprocating Saw
    ___ Router Other_____

13. What machines / accessories would you like to see added to the STEEL CITY line?
    _____
    _____

14. What new accessories would you like to see added?
    _____
    _____

15. Do you think your purchase represents good value?
    ___Yes ___ No

16. Would you recommend STEEL CITY products to a friend?
    ___ Yes ___ No

17. Comments:
    _____
    _____
    _____
    _____
    _____

✂ CUT HERE

FOLD ON DOTTED LINE

PLACE
STAMP
HERE

Steel City Tool Works
P.O. Box 10529
Murfreesboro, TN 37129

FOLD ON DOTTED LINE

PRODUCT SPECIFICATIONS

	Model Number 35600	Model Number 35605
Motor type	Induction	Induction
HP	1.75	3
Amps	15 / 7.5	13
Volts	115 / 230	230
Hertz	60	60
RPM	3450	3450
Blade Tilt	Left	Left
Blade Drive	Poly-V Belt	Poly-V Belt
Blade Diameter	10-in	10-in
Blade Arbor	5/8-in	5/8-in
Number of Teeth	40	40
Blade Speed	3450	3450
Max Depth of cut at 90°	3-3/8-in	3-3/8-in
Max Depth of cut at 45°	2-1/4-in	2-1/4-in
Table in front of blade at max depth of cut	12-1/2-in	12-1/2-in
Max Dado width	13/16-in	13/16-in
Max Dado blade diameter	8-in	8-in
Left and right table wing	12-in cast iron	12-in cast iron
Product Dimensions		
Footprint	20” x 22”	20” X 22”
Length	44”	44”
Width	32”	32”
Height	40”	40”
Net Weight	320lbs	334lbs
Shipping Dimensions		
Length	30-1/2-in	30-1/2-in
Width	29-1/2-in	29-1/2-in
Height	43-in	43-in
Gross Weight	370 lbs	385 lbs

ACCESSORIES AND ATTACHMENTS

There are a variety of accessories available for your Steel City Product. For more information on any accessories associated with this and other machines, please contact your nearest Steel City distributor, or visit our website at: **www.steelcitytoolworks.com**.

DEFINITION OF TERMS

Anti-Kickback Fingers – A safety device attached to the blade guard and splitter assembly designed to minimize the chance of a workpiece being thrown back during a cutting operation.

Arbor – The shaft on which the blade or accessory cutting-tool is mounted.

Bevel Cut – The operation of making any cut with the blade set on a degree other than 90 degrees.

Compound Cut – The operation of making both a bevel and a miter cut at one time.

Crosscut – The operation of making a cut across the grain or width of a workpiece.

Dado – A non-through cut that produces a square notch. A dado is typically from 1/8-in. to 13/16-in. wide. A dado requires a special set of blades, not included with this table saw.

Featherboard – An accessory device that can be made or purchased to help guide or hold down a workpiece during cutting operations.

Freehand – A very dangerous operation of making a cut without using the fence or miter gauge in a cutting operation. **FREEHAND CUTS MUST NEVER BE PERFORMED ON A TABLE SAW.**

Gum, Pitch or Resin – A sticky, sap based residue that comes from wood products.

Heeling – The misalignment of the blade to the miter slots; when the blade is not parallel to the miter slots.

Kerf – The material removed by the blade in the workpiece during any cutting operation.

Kickback – When the workpiece is thrown back toward the operator at a high rate of speed during a cutting operation.

Miter Cut – The operation of making a cut using the miter gauge at any angle other than zero degrees.

Push Stick – An accessory device that can be made or purchased to help push the workpiece through the blade. A push stick is used to keep the operator's hands away from the blade when ripping a narrow workpiece.

Rabbet – A square notch in the edge of the workpiece.

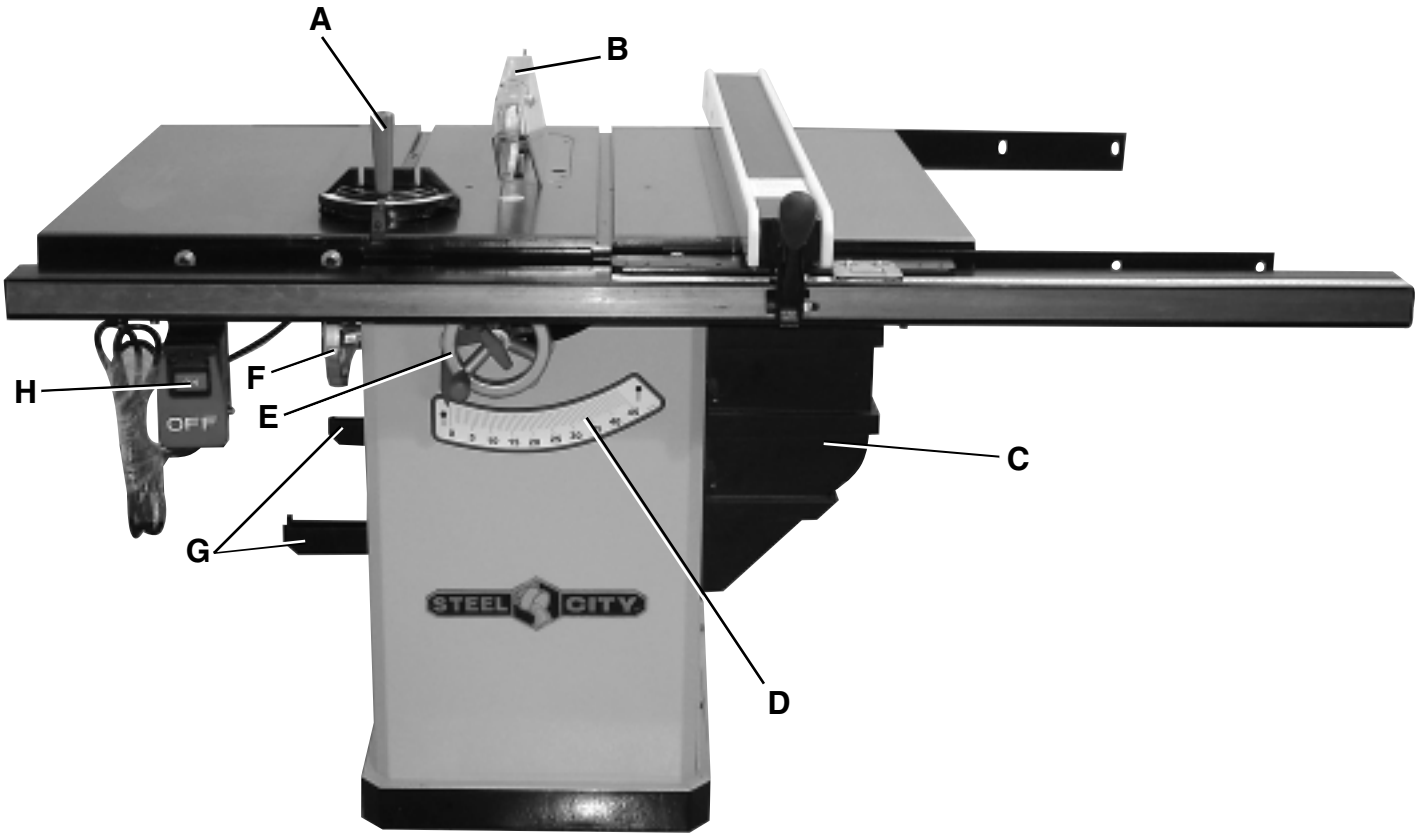
Rip Cut – The operation of making a cut with the grain of the workpiece.

Saw Blade Path – The area that is directly in line with the blade, including area over, under, behind and in front of it.

Set of the Saw Blade – The distance that the tips of the saw blade are angled outwards from the thickness of the blade. The set of the saw blade teeth allows for the blade body to pass safely through all cuts.

Table/Work Area – The total surface of the top of the table saw on which the workpiece rests while set-up or cutting operations are being performed.

FEATURE IDENTIFICATION



A) Miter Gauge
B) Blade Guard Assembly
C) Motor Cover
D) Bevel Scale
E) Raise/Lower Handwheel
F) Bevel Adjustment Handwheel
G) Fence Hooks
H) On/Off Switch

(shown with an optional fence)

GENERAL SAFETY

⚠ WARNING

TO AVOID serious injury and damage to the machine, read and follow all Safety and Operating Instructions before assembling and operating this machine.

This manual is not totally comprehensive. It does not and can not convey every possible safety and operational problem which may arise while using this machine. The manual will cover many of the basic and specific safety procedures needed in an industrial environment.

All federal and state laws and any regulations having jurisdiction covering the safety requirements for use of this machine take precedence over the statements in this manual. Users of this machine must adhere to all such regulations.

Below is a list of symbols that are used to attract your attention to possible dangerous conditions.

⚠

This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

⚠ DANGER

Indicates an imminently hazardous situation which, if not avoided, WILL result in death or serious injury.

⚠ WARNING

Indicates a potentially hazardous situation which, if not avoided, COULD result in death or serious injury.

⚠ CAUTION

Indicates a potentially hazardous situation, if not avoided, **MAY** result in minor or moderate injury. It may also be used to alert against unsafe practices.

CAUTION

CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

NOTICE

This symbol is used to alert the user to useful information about proper operation of the machine.

⚠ WARNING

Exposure to the dust created by power sanding, sawing, grinding, drilling and other construction activities may cause serious and permanent respiratory or other injury, including silicosis (a serious lung disease), cancer, and death. Avoid breathing the dust, and avoid prolonged contact with dust. The dust may contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

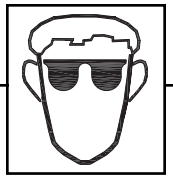
Some examples of these chemicals are:

- Lead from lead-based paints.
- Crystalline silica from bricks, cement and other masonry products.
- Arsenic and chromium from chemically-treated lumber.

Always operate tool in well ventilated area and provide for proper dust removal. Use a dust collection system along with an air filtration system whenever possible. Always use properly fitting NIOSH/OSHA approved respiratory protection appropriate for the dust exposure, and wash exposed areas with soap and water.

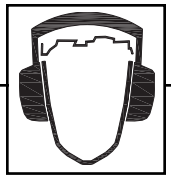
1. To avoid serious injury and damage to the machine, read the entire User Manual before assembly and operation of this machine.

⚠ WARNING



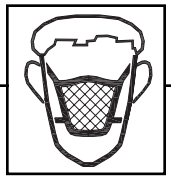
2. **ALWAYS** wear eye protection. Any machine can throw debris into the eyes during operations, which could cause severe and permanent eye damage. Everyday eyeglasses are **NOT** safety glasses. **ALWAYS** wear Safety Goggles (that comply with ANSI standard Z87.1) when operating power tools.

⚠ WARNING



3. **ALWAYS** wear hearing protection. Plain cotton is not an acceptable protective device. Hearing equipment should comply with ANSI S3.19 Standards.

⚠ WARNING



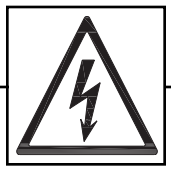
4. **ALWAYS** wear a NIOSH/OSHA approved dust mask to prevent inhaling dangerous dust or airborne particles.

5. **ALWAYS** keep the work area clean, well lit, and organized. **DO NOT** work in an area that has slippery floor surfaces from debris, grease, and wax.

6. **ALWAYS** unplug the machine from the electrical receptacle when making adjustments, changing parts or performing any maintenance.

7. **AVOID ACCIDENTAL STARTING**. Make sure that the power switch is in the "OFF" position before plugging in the power cord to the electrical receptacle.

⚠ WARNING



8. **AVOID** a dangerous working environment. **DO NOT** use electrical tools in a damp environment or expose them to rain or moisture.

⚠ WARNING

9. **CHILDPROOF THE WORKSHOP AREA** by removing switch keys, unplugging tools from the electrical receptacles, and using padlocks.

10. **DO NOT** use electrical tools in the presence of flammable liquids or gasses.

11. **DO NOT FORCE** the machine to perform an operation for which it was not designed. It will do a safer and higher quality job by only performing operations for which the machine was intended.

12. **DO NOT** stand on a machine. Serious injury could result if it tips over or you accidentally contact any moving part.

13. **DO NOT** store anything above or near the machine.

14. **DO NOT** operate any machine or tool if under the influence of drugs, alcohol, or medication.

15. **EACH AND EVERY** time, check for damaged parts prior to using any machine. Carefully check all guards to see that they operate properly, are not damaged, and perform their intended functions. Check for alignment, binding or breakage of all moving parts. Any guard or other part that is damaged should be immediately repaired or replaced.

16. Ground all machines. If any machine is supplied with a 3-prong plug, it must be plugged into a 3-contact electrical receptacle. The third prong is used to ground the tool and provide protection against accidental electric shock. **DO NOT** remove the third prong.

17. Keep visitors and children away from any machine. **DO NOT** permit people to be in the immediate work area, especially when the machine is operating.

18. **KEEP** protective guards in place and in working order.

19. **MAINTAIN** your balance. **DO NOT** extend yourself over the tool. Wear oil resistant rubber soled shoes. Keep floor clear of debris, grease, and wax.

20. **MAINTAIN** all machines with care. **ALWAYS KEEP** machine clean and in good working order. **KEEP** all blades and tool bits sharp.

21. **NEVER** leave a machine running, unattended. Turn the power switch to the OFF position. **DO NOT** leave the machine until it has come to a complete stop.

22. **REMOVE ALL MAINTENANCE TOOLS** from the immediate area prior to turning the machine ON.

23. **SECURE** all work. When it is possible, use clamps or jigs to secure the workpiece. This is safer than attempting to hold the workpiece with your hands.

24. **STAY ALERT**, watch what you are doing, and use common sense when operating any machine. **DO NOT** operate any machine tool while tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating power tools may result in serious personal injury.

25. **USE ONLY** recommended accessories. Use of incorrect or improper accessories could cause serious injury to the operator and cause damage to the machine. If in doubt, **DO NOT** use it.

26. **THE USE** of extension cords is not recommended for 230V equipment. It is better to arrange the placement of your equipment and the installed wiring to eliminate the need for an extension cord. If an extension cord is necessary, refer to the chart in the Grounding Instructions section to determine the minimum gauge for the extension cord. The extension cord must also contain a ground wire and plug pin.

27. Wear proper clothing, **DO NOT** wear loose clothing, gloves, neckties, or jewelry. These items can get caught in the machine during operations and pull the operator into the moving parts. Users must wear a protective cover on their hair, if the hair is long, to prevent it from contacting any moving parts.

28. **SAVE** these instructions and refer to them frequently and use them to instruct other users.

29. Information regarding the safe and proper operation of this tool is also available from the following sources:

    Power Tool Institute
    1300 Summer Avenue
    Cleveland, OH 44115-2851
    www.powertoolinstitute.org

    National Safety Council
    1121 Spring Lake Drive
    Itasca, IL 60143-3201

    American National Standards Institute
    25 West 43rd Street, 4th floor
    New York, NY 10036
    www.ansi.org

    ANSI 01.1 Safety Requirements for
    Woodworking Machines, and the U.S. Department of Labor regulations
    www.osha.gov

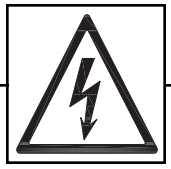
PRODUCT SAFETY

1. Serious personal injury may occur if normal safety precautions are overlooked or ignored. Accidents are frequently caused by lack of familiarity or failure to pay attention. Obtain advice from supervisor, instructor, or another qualified individual who is familiar with this machine and its operations.

2. Every work area is different. Always consider safety first, as it applies to your work area. Use this machine with respect and caution. Failure to do so could result in serious personal injury and damage to the machine.

3. Prevent electrical shock. Follow all electrical and safety codes, including the National Electrical Code (NEC) and the Occupational Safety and Health Regulations (OSHA). All electrical connections and wiring should be made by qualified personnel only.

⚠ WARNING



4. **TO REDUCE** the risk of electrical shock. **DO NOT** use this machine outdoors. **DO NOT** expose to rain or moisture. Store indoors in a dry area.

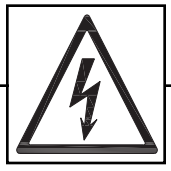
5. **STOP** using this machine, if at any time you experience difficulties in performing any operation. Contact your supervisor, instructor or machine service center immediately.

6. Safety decals are on this machine to warn and direct you to how to protect yourself or visitors from personal injury. These decals **MUST** be maintained so that they are legible. **REPLACE** decals that are not legible.

7. **DO NOT** leave the unit plugged into the electrical outlet. Unplug the unit from the outlet when not in use and before servicing, performing maintenance tasks, or cleaning.

8. **ALWAYS** turn the power switch “OFF” before unplugging the table saw.

⚠ WARNING



9. **DO NOT** handle the plug or table saw with wet hands.

10. **USE** accessories only recommended by Steel City.

11. **DO NOT** pull the table saw by the power cord. **NEVER** allow the power cord to come in contact with sharp edges, hot surfaces, oil or grease.

12. **DO NOT** unplug the table saw by pulling on the power cord. **ALWAYS** grasp the plug, not the cord.

13. **REPLACE** a damaged cord immediately. **DO NOT** use a damaged cord or plug. If the table saw is not operating properly, or has been damaged, left outdoors or has been in contact with water.

14. **DO NOT** use the table saw as a toy. **DO NOT** use near or around children.

15. **ENSURE** that the machine sits firmly on the floor before using. If the machine wobbles or is unstable, correct the problem by using shims or blocks prior to operation.
16. **KEEP** saw blade sharp and clean. Failure to do so greatly increases friction, decreases cut quality, and increases the possibility of a kickback.
17. **MAKE CERTAIN** the saw blade is parallel with the miter slots and with the rip fence. A blade that is not aligned parallel can cause the workpiece to be pinched between the blade and the fence causing burning or kickbacks.
18. **ALWAYS** use blade guard on all through cuts. This will help prevent the cut from closing on the back of the saw blade. The blade guard also has anti-kickback fingers which minimize the chance of a workiece being thrown back during a cutting operation.
19. **ALWAYS** push the workpiece past the blade. **DO NOT** release a workpiece until it is past the blade and removed from the saw.
20. **DO NOT** execute a cut when you do not have complete control of the situation.
21. **DO NOT** cut a workpiece that is too large for you to handle.
22. **DO NOT** use the rip fence as a guide when cross-cutting.
23. **BE MINDFUL** of flaws in the wood. Cutting a warped or twisted board along the rip fence can get pinched between the fence and the blade, causing a kickback.
24. **ALWAYS** remove cut off pieces and scraps from the table before starting the saw.
25. **NEVER** start the machine with the workpiece against the blade.
26. **NEVER** perform freehand operations. Use either the fence or miter gauge to position and guide the workpiece through the blade.
27. **ALWAYS** use a pushstick for ripping narrow workpieces.
28. **NEVER** have any part of your body in line with the path of the saw blade. If a kickback occurs with you directly in front of the blade, a serious injury can occur.
29. **NEVER** attempt to free a stalled blade without first turning the machine off and disconnecting the saw from the power source.

ELECTRICAL REQUIREMENTS

⚠ WARNING

To reduce the risk of electric shock, follow all electrical and safety codes, including the National Electric Code (NEC) and the Occupational Safety and Health Regulations (OSHA). All electrical connections and wiring should be made by qualified personnel only.

This manual is written for two specific models, Model No 35600 and Model No 35605. Please follow the specific requirements for your model saw.

MODEL NO 35600

The switch provided with your saw is a dual voltage capable switch, meaning it is designed to function at either 115 or 230 volts. The switch and saw comes prewired for 115 volt operation. If you decide to convert the saw to 230V, you will have to replace the 115 volt plug on the switch with a UL/CSA Listed plug, suitable for 230 volts. The table saw with a 230 volt plug should only be connected to an outlet having the same configuration as the plug. No adapter is available or should be used with the 230 volt plug. Once the modification has been made to the plug of the switch, be sure to follow the instructions under CHANGING MOTOR VOLTAGE for changing the motor voltage from 115 volt to 230 volt in the ADJUSTMENTS section of this manual.

MODEL NO 35605

The switch provided with your saw is a magnetic switch designed for 230 volt single phase usage only. The switch has a plug that is designed to plug into a 230 volt outlet. There are many different configurations for 230 volt outlets, so it is conceivable that the configuration of the plug may not match the configuration of your existing outlet. If this is the case, you will have to replace the plug with a UL/CSA approved plug that matches the configuration of your 230V outlet.

GROUNDING INSTRUCTIONS

⚠ WARNING

This machine **MUST BE GROUNDED** while in use to protect the operator from electric shock.

In the event of a malfunction or breakdown, **GROUNDING** provides the path of least resistance for electric current and reduces the risk of electric shock. The plug **MUST** be plugged into a matching electrical receptacle that is properly installed and grounded in accordance with **ALL** local codes and ordinances.

If a plug is provided with your machine **DO NOT** modify the plug. If it will not fit your electrical receptacle, have a qualified electrician install the proper connections to meet all electrical codes local and state. All connections must also adhere to all of OSHA mandates.

IMPROPER ELECTRICAL CONNECTION of the equipment-grounding conductor can result in risk of electric shock. The conductor with the green insulation (with or without yellow stripes) is the equipment-grounding conductor. **DO NOT** connect the equipment-grounding conductor to a live terminal if repair or replacement of the electric cord or plug is necessary.

Check with a qualified electrician or service personnel if you do not completely understand the grounding instructions, or if you are not sure the tool is properly grounded.

PLUGS/RECEPTACLES

⚠ WARNING

- Electrocution or fire could result if this machine is not grounded properly or if the electrical configuration does not comply with local and state electrical codes.
- **MAKE CERTAIN** the machine is disconnected from power source before starting any electrical work.
- **MAKE SURE** the circuit breaker does not exceed the rating of the plug and receptacle.

The motor supplied with your machine is either a 115/230 dual voltage motor (Model 35600) or a dedicated 230 volt, single phase motor (Model 35605). Never connect the green or ground wire to a live terminal.

The machine should only be connected to an outlet having the same configuration as the plug.

EXTENSION CORDS

⚠ WARNING

To reduce the risk of fire or electrical shock, use the proper gauge of extension cord. When using an extension cord, be sure to use one heavy enough to carry the current your machine will draw.

The smaller the gauge-number, the larger the diameter of the extension cord is. If in doubt of the proper size of an extension cord, use a shorter and thicker cord. An undersized cord will cause a drop in line voltage resulting in a loss of power and overheating.

⚠ CAUTION

USE ONLY a 3-wire extension cord that has a 3-prong grounding plug and a 3-pole receptacle that accepts the machine's plug.

If you are using an extension cord outdoors, be sure it is marked with the suffix "W-A" ("W" in Canada) to indicate that it is acceptable for outdoor use.

Make certain the extension cord is properly sized, and in good electrical condition. Always replace a worn or damaged extension cord immediately or have it repaired by a qualified person before using it.

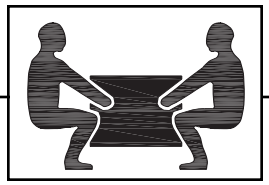
Protect your extension cords from sharp objects, excessive heat, and damp or wet areas.

MINIMUM RECOMMENDED GAUGE FOR EXTENSION CORDS (AWG)			
115 VOLT OPERATION ONLY			
	25' LONG	**50' LONG**	**100' LONG**
0 to 6 Amps	18 AWG	16 AWG	16 AWG
6 to 10 Amps	18 AWG	16 AWG	14 AWG
10 to 12 Amps	16 AWG	16 AWG	14 AWG
12 to 15 Amps	14 AWG	12 AWG	Not recommended

MINIMUM RECOMMENDED GAUGE FOR EXTENSION CORDS (AWG)			
230 VOLT OPERATION ONLY			
	25' LONG	**50' LONG**	**100' LONG**
0 to 6 Amps	18 AWG	18 AWG	16 AWG
6 to 10 Amps	18 AWG	18 AWG	14 AWG
10 to 12 Amps	16 AWG	16 AWG	14 AWG
12 to 15 Amps	14 AWG	12 AWG	Not recommended

UNPACKING & INVENTORY

⚠ WARNING



- The machine is heavy, two people are required to unpack and lift.
- Use a safety strap to avoid tip over when lifting machine.

Check shipping carton and machine for damage before unpackaging. Carefully remove packaging materials, parts and machine from shipping carton. Always check for and remove protective shipping materials around motors and moving parts. Lay out all parts on a clean work surface.

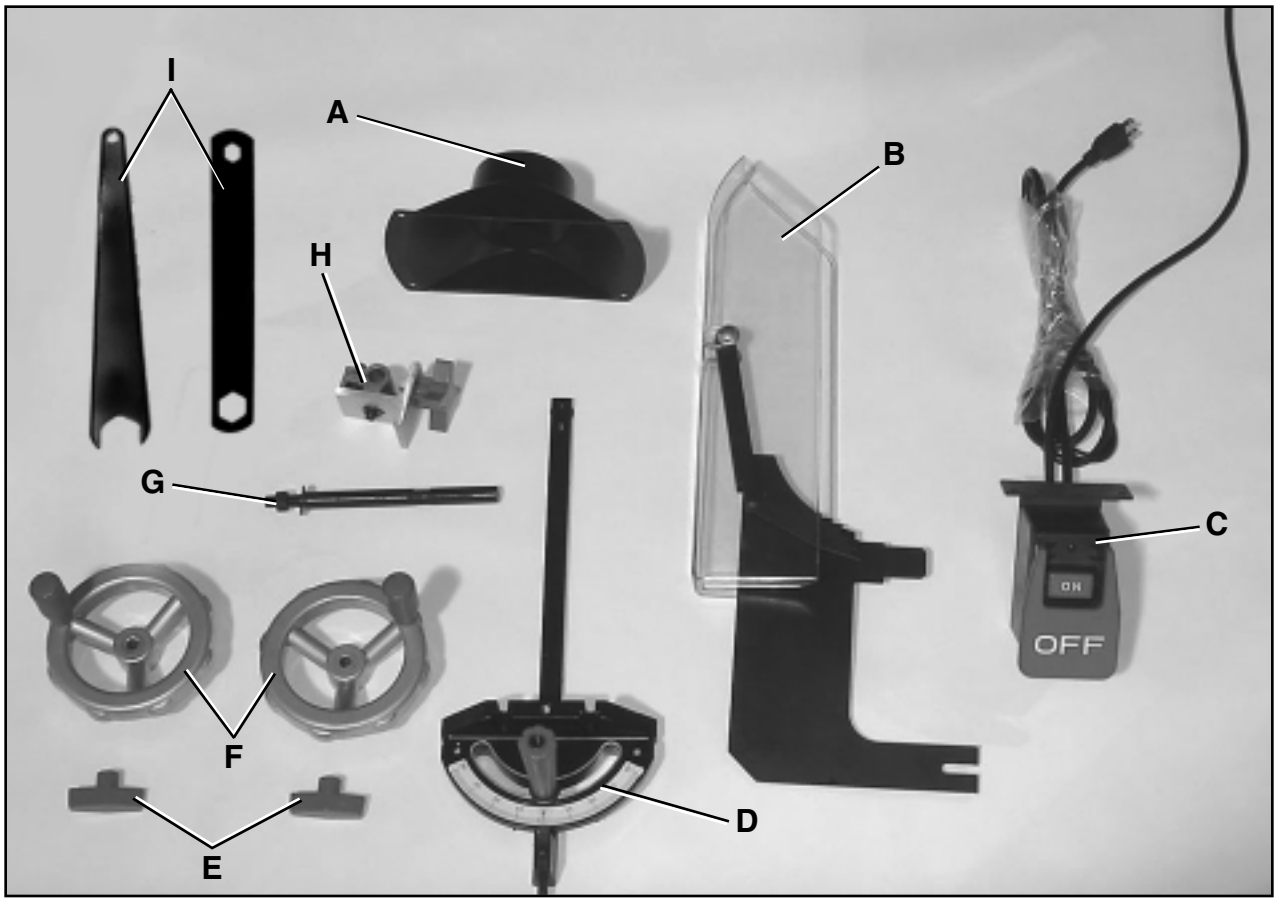
Remove any protective materials and coatings from all of the parts and the table saw. The protective coatings can be removed by spraying WD-40 on them and wiping it off with a soft cloth. This may need redone several times before all of the protective coatings are removed completely.

After cleaning, apply a good quality paste wax to any unpainted surfaces. Make sure to buff out the wax before assembly.

Compare the items to inventory figures; verify that all items are accounted for before discarding the shipping box.

⚠ WARNING

If any parts are missing, do not attempt to plug in the power cord and turn “ON” the machine. The machine should only be turned “ON” after all the parts have been obtained and installed correctly. For missing parts, contact Steel City at 1-877-SC4-TOOL.



A) Dust Port

B) Blade Guard and Splitter Assembly

C) On/Off Switch

D) Miter Gauge

E) Handwheel Lock Knob (2)

F) Handwheel Assembly (2)

G) Splitter Mounting Rod

H) Splitter Bracket Assembly

I) Blade Wrenches

J) Fence Hooks (2) (not shown)

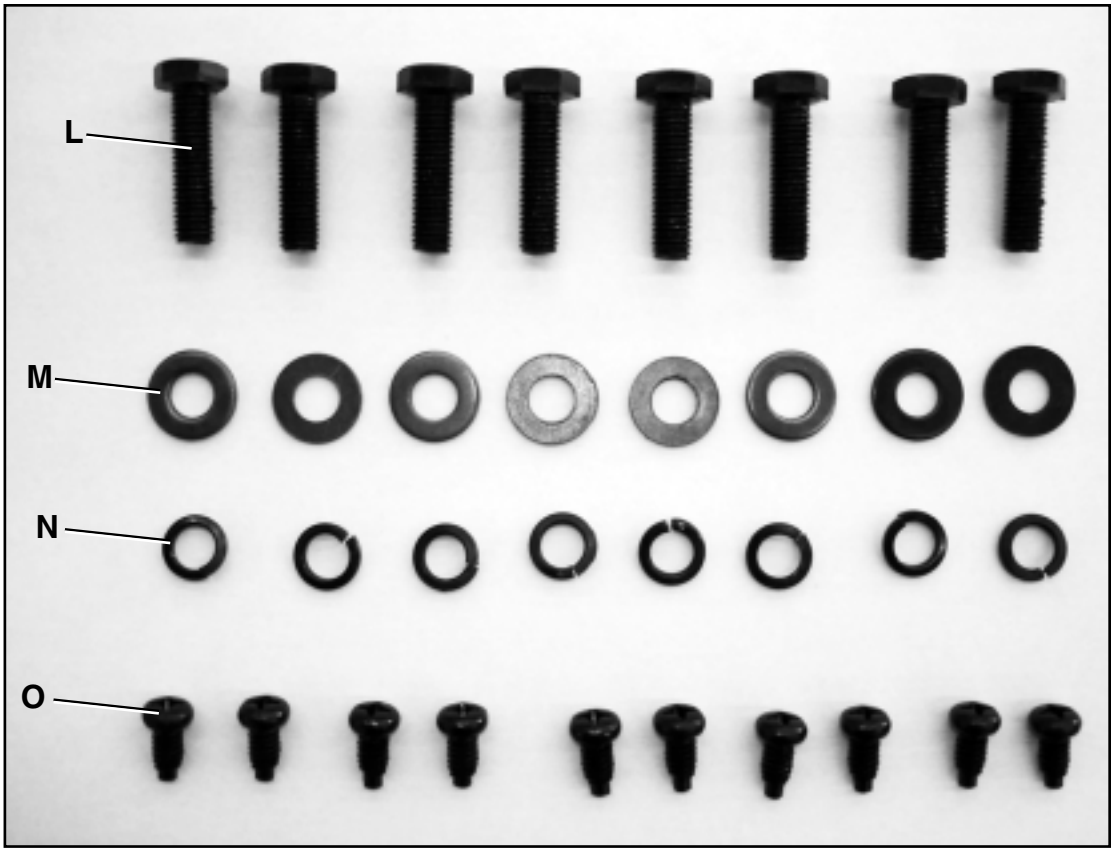
K) Wrench Hook (not shown)

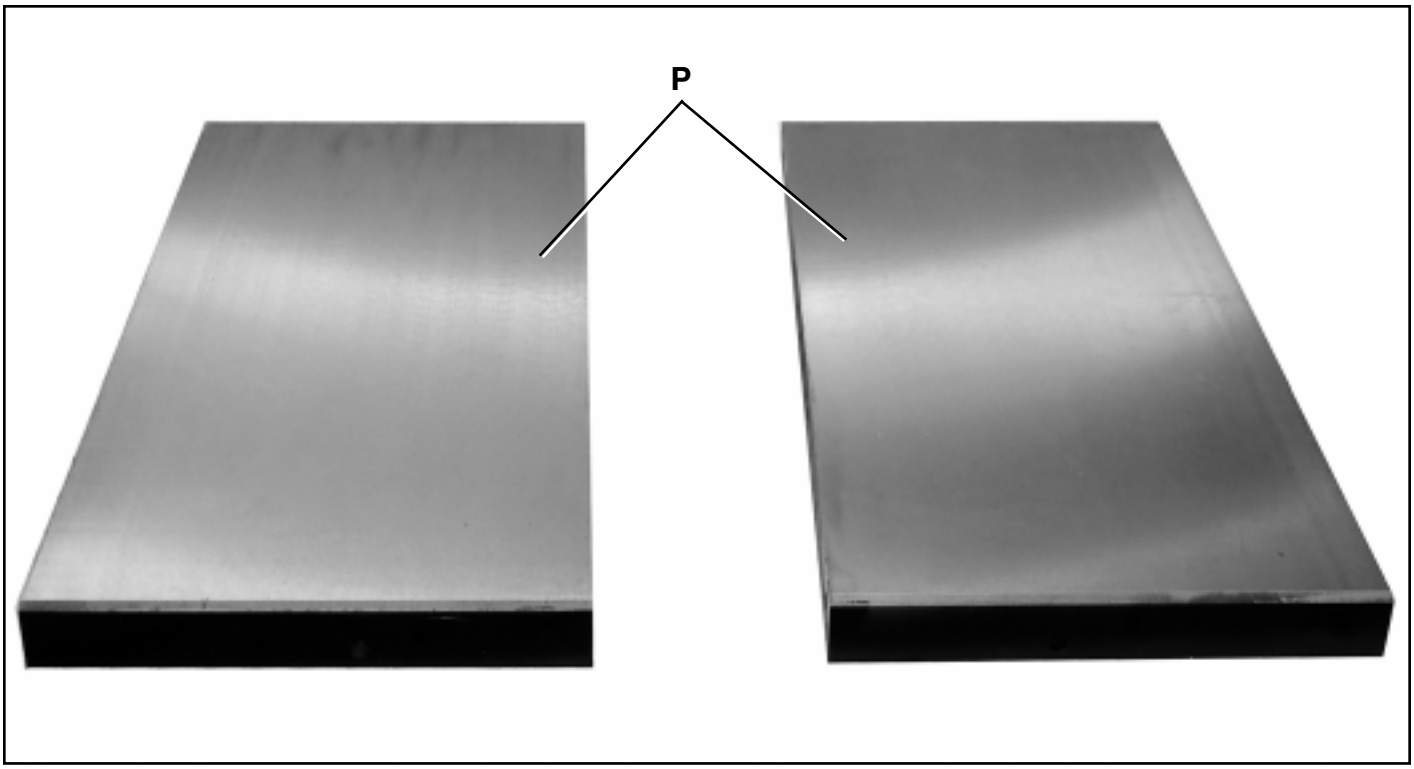
L) M8 x 1.25 x 30mm Hex Head Screw (8)

M) M8 Flat Washer (8)

N) M8 Lockwasher (8)

O) 1/4-20 x 1/2” Round Head Screw (10)





P) Cast Iron Wings

ASSEMBLY

⚠ WARNING

- The table saw is a heavy machine; two people may be required for certain assembly operations.
- **DO NOT** assemble the table saw until you are sure the tool is unplugged.
- **DO NOT** assemble the table saw until you are sure the power switch is in the “OFF” position.
- For your own safety, **DO NOT** connect the machine to the power source until the machine is completely assembled and you read and understand this entire User Manual.

INSTALLATION AND LEVELING

Final location for the saw must be level, dry, well lighted, and have enough room to allow movement around the saw with long pieces of wood stock.

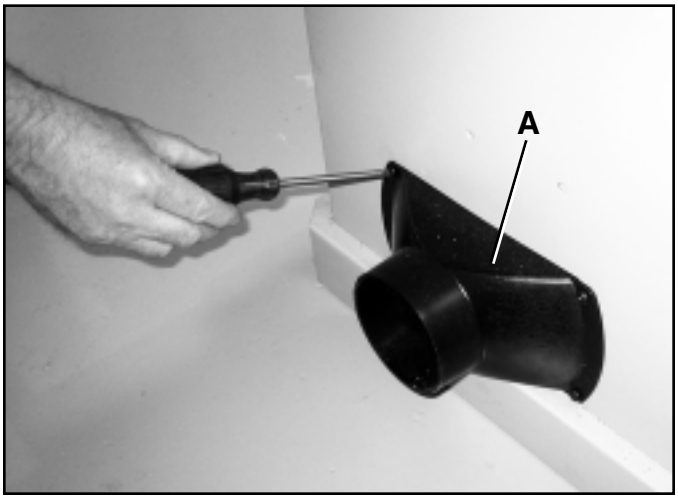
Level the saw front to back and side to side, using a carpenter’s level placed on the table. Use shims under the corners, if necessary, but make sure the saw is stable before being placed into service.

DUST PORT ASSEMBLY

⚠ WARNING

MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

Fig. 1



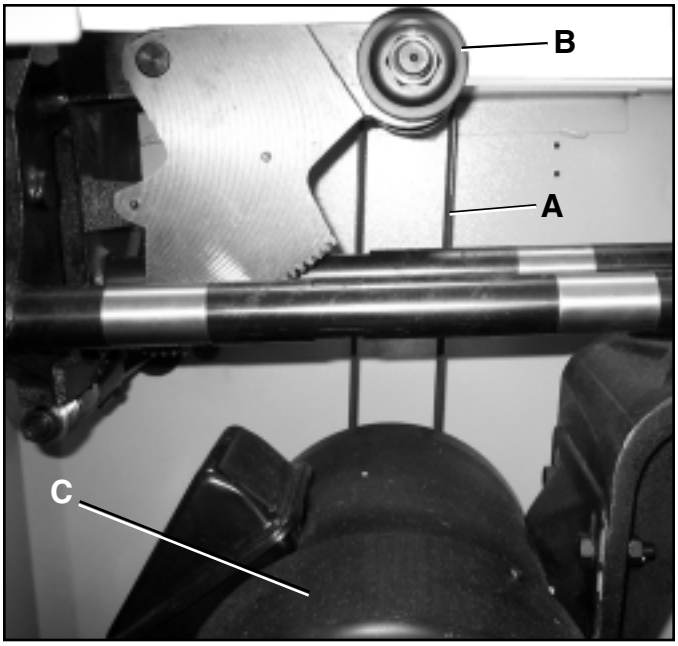
1. Attach the dust port (A) to the opening in the bottom rear of the cabinet with four 1/4-20 x 1/2” round head tap screws. **SEE FIG. 1.**

POLY-V BELT ASSEMBLY

⚠ WARNING

MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

Fig. 2



1. Make sure all packaging material has been removed from inside the cabinet.
2. Open the motor cover and place the motor Poly-V belt (A) over the blade pulley (B). **SEE FIG. 2.**
3. Carefully lift the motor (C) and place the belt under the motor pulley (not shown). Make sure all the v-notches in the belt are mated with the v-notches of the blade pulley and motor pulley.
4. Carefully let the motor down and close motor cover.

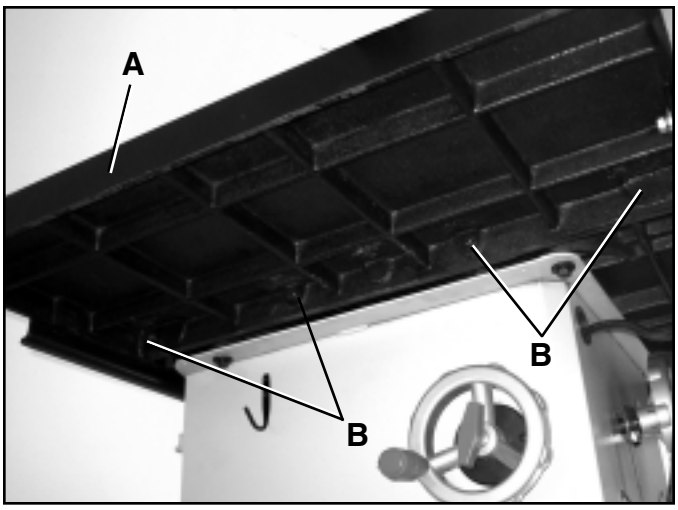
EXTENSION WING ASSEMBLY

⚠ WARNING

MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

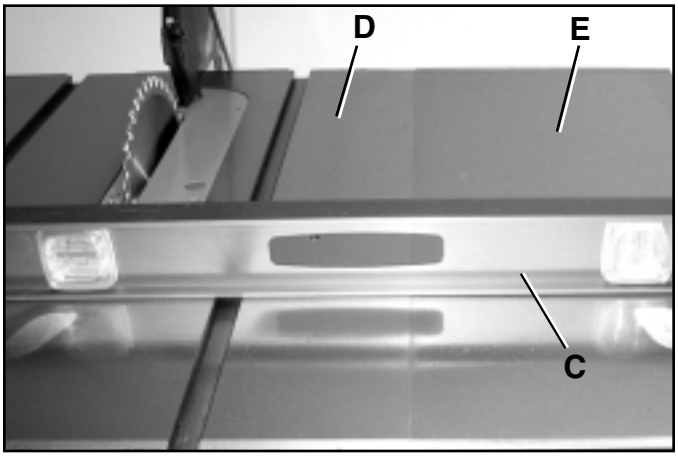
1. **CAUTION:** The extension wings are heavy; two people are required to assemble both extension wings to the table saw.

Fig. 3



2. Assemble one of the extension wings (A) to the left side of the table saw. Align the four holes (B) in the extension wing with the four holes in the left side of the saw table. Use four M8 x 30mm hex head screws, M8 lock washers and M8 flat washers to attach the wing to the table. Do not completely tighten hardware at this time. **SEE FIG. 3.**

Fig. 4



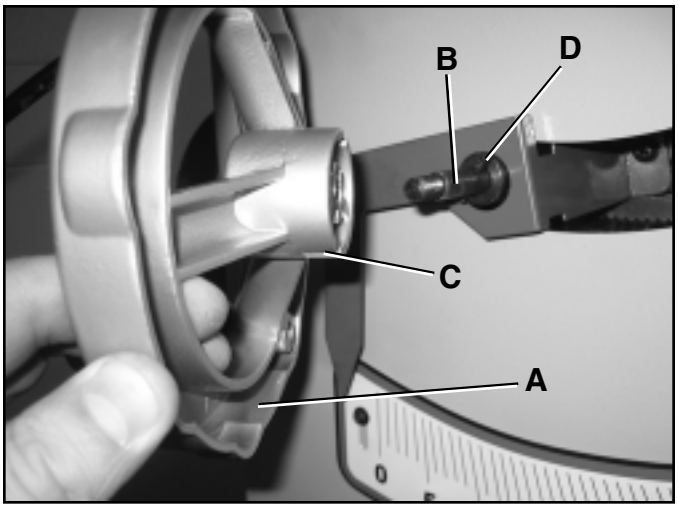
3. Lay a straight edge or level (C) across the saw table (D) and extension wing (E). Make sure that the front face of the extension wing is flat to the front face of the saw table. Adjust the extension wing so that its top surface is exactly flat to the saw table and securely tighten hardware. **SEE FIG. 4.**
4. Repeat steps 2 and 3 above to assemble the other extension wing to the right side of the table saw.

HANDWHEEL ASSEMBLY

⚠ WARNING

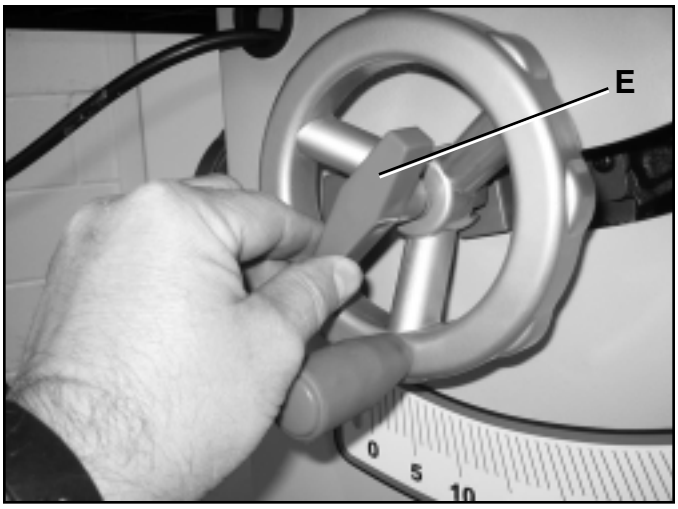
MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

Fig. 5



1. Place one of the handwheels (A) onto the blade raise/lower shaft (B) located on the front of the cabinet. Align the groove (C) in the back of the handwheel with the pin (D). **SEE FIG. 5.**

Fig. 6



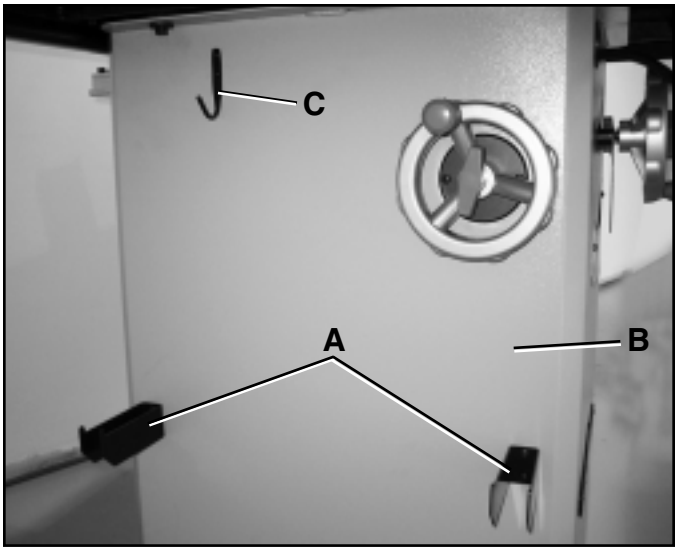
2. Thread the locking knob (E) onto the threaded end of the shaft. **SEE FIG. 6.**
3. Repeat the steps above to assemble the remaining handwheel and locking knob onto the bevel shaft located on the side of the cabinet.

WRENCH AND FENCE HOOK ASSEMBLY

⚠ WARNING

MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

Fig. 7



1. Assemble both of the fence hooks (A) to the left side of the cabinet (B) using four 1/4-20 c 1/2" round head screws, not shown. **SEE FIG. 7.**
2. Assemble the wrench hook (C) above the fence hooks using two sheet metal screws, not shown.

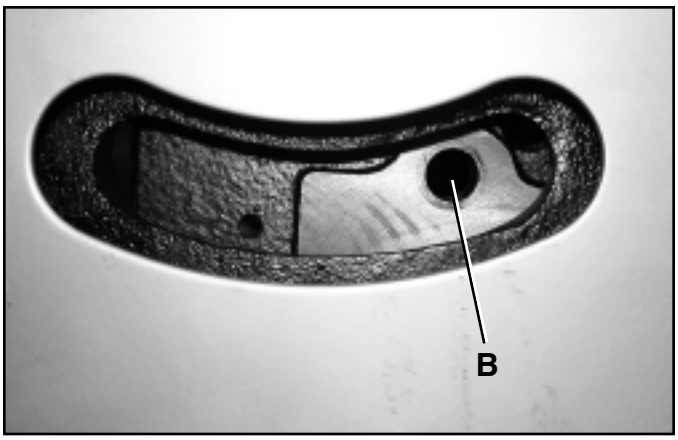
BLADE GUARD AND SPLITTER ASSEMBLY

⚠ WARNING

MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

1. Remove the table insert. Note: Remove the table insert retaining bolt used to secure the table insert to the saw table.

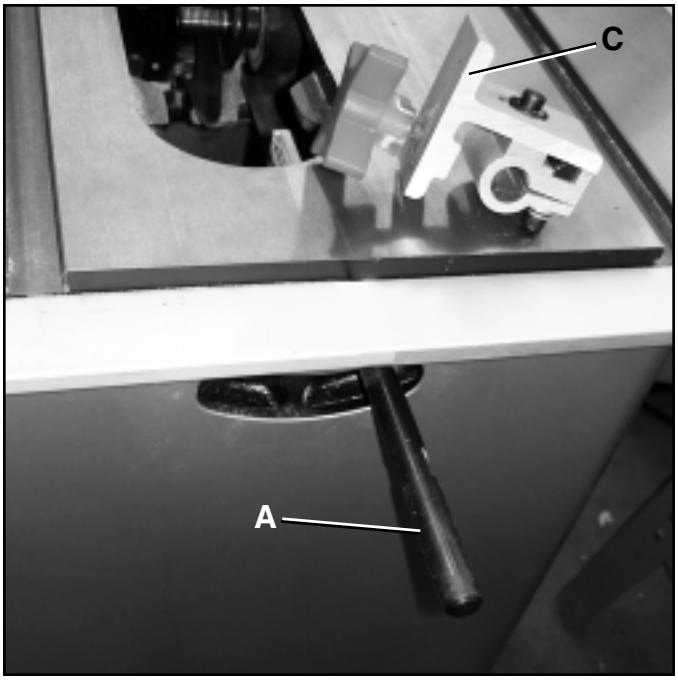
Fig. 8



2. Place the threaded end of the mounting splitter rod (A) through the hole (B) in the rear of the cabinet. Place a M12 hex nut (not shown) onto the threaded end of the mounting splitter rod inside of the cabinet and tighten securely. **SEE FIGS. 8 AND 9.**

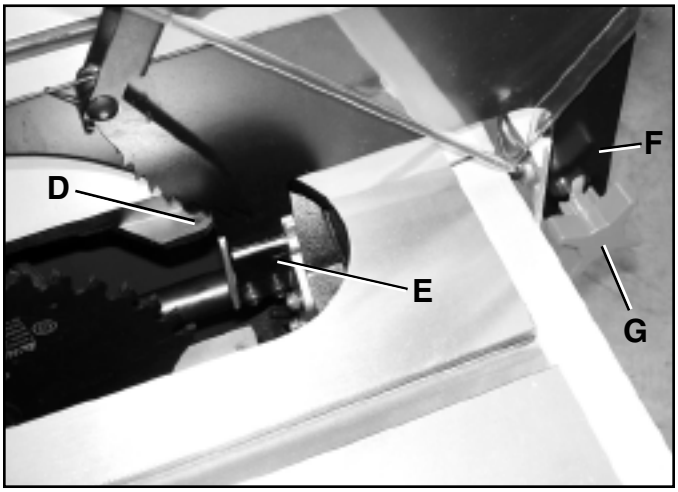
Note: Place an 18mm wrench on 12mm hex nut and a 13mm wrench on flats of the splitter rod and tighten.

Fig. 9



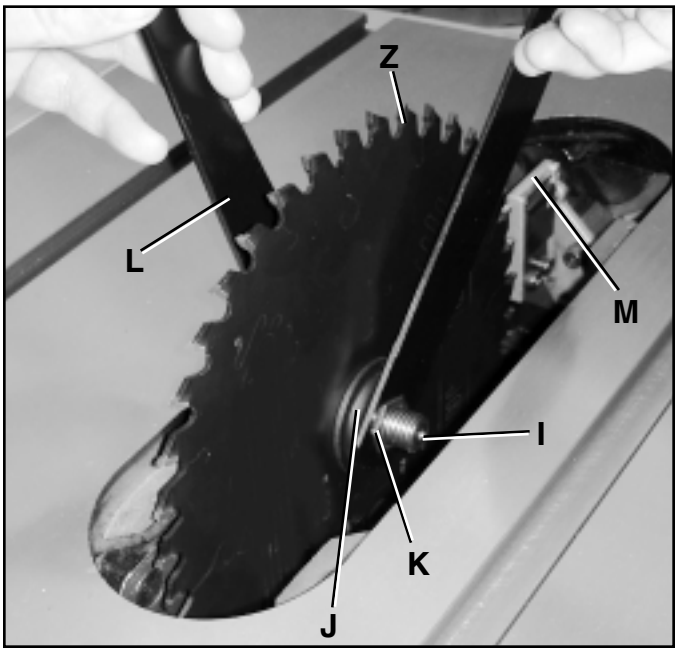
3. Place the splitter bracket assembly (C) onto the mounting splitter rod. **SEE FIG. 9.**

Fig. 10



4. Place the front attachment point (D) of the blade guard and splitter assembly down into the tool-less front attachment point (E). Place the rear attachment slot (F) onto the threads of the splitter bracket knob (G); securely tighten splitter bracket knob. Note: The splitter bracket assembly will need to be positioned to fit the blade guard and splitter assembly on the mounting splitter rod. **SEE FIG. 10.**

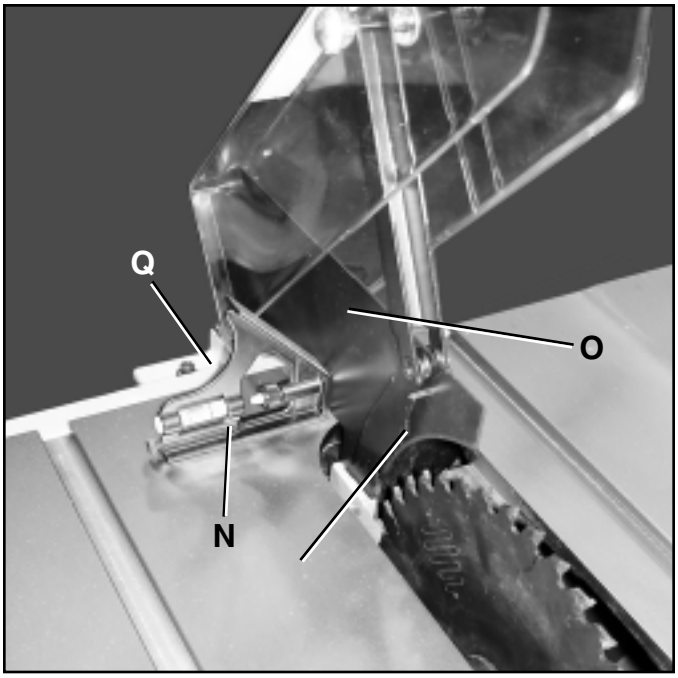
Fig. 11



5. Remove the hex nut (K) and outer flange (J) from the blade arbor (I). Note: The arbor has a right hand thread; to loosen the hex nut turn it counter-clockwise.

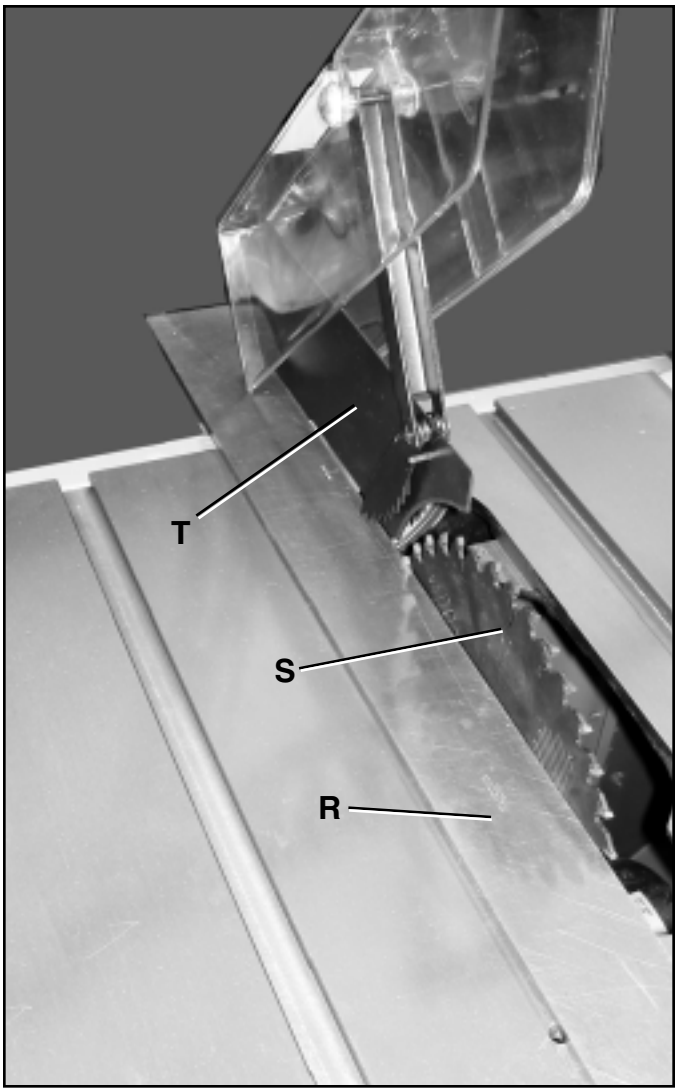
6. Place 10" saw blade (Z) onto blade arbor (I), make sure the teeth of the blade are pointing down in the front of the table saw. Place the outer flange (J) and hex nut (K) onto the blade arbor and snug hex nut by hand. Place the open-end blade wrench (L) on the flats of the inner blade flange (not shown) and the box-end blade wrench (M) onto the hex nut and securely tighten. Note: The blade arbor has a right hand thread, to tighten the hex nut turn it clockwise. **SEE FIG. 11.**

Fig. 12



7. Place a square (N) onto the saw table and against the splitter assembly (O) behind the kickback fingers (P). Make adjustments to the splitter bracket assembly (Q) so that the splitter is square to the saw table. Once square, tighten the two hex socket head screws on the bottom of the splitter bracket assembly. **SEE FIG. 12.**

Fig. 13



8. Lay a straight edge (R) against the left side of the saw blade (S). Align the splitter (T) so that it is in a straight line with the blade and tighten the one hex socket head screw on top of the splitter bracket assembly. **SEE FIG. 13.**

9. Replace table insert and tighten table insert retaining bolt removed in step 1.

10. If there is any problem with the front splitter attachment bracket being out-of-square to the saw table or blade alignment, see "ALIGNING SPLITTER BRACKET" in the Adjustments section of this manual.

CONNECTING SWITCH CORD TO MOTOR CORD

⚠ WARNING

MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

1. Place the switch cord (A) through hole (B) in front of cabinet. **SEE FIG. 13A.**

Fig. 13A

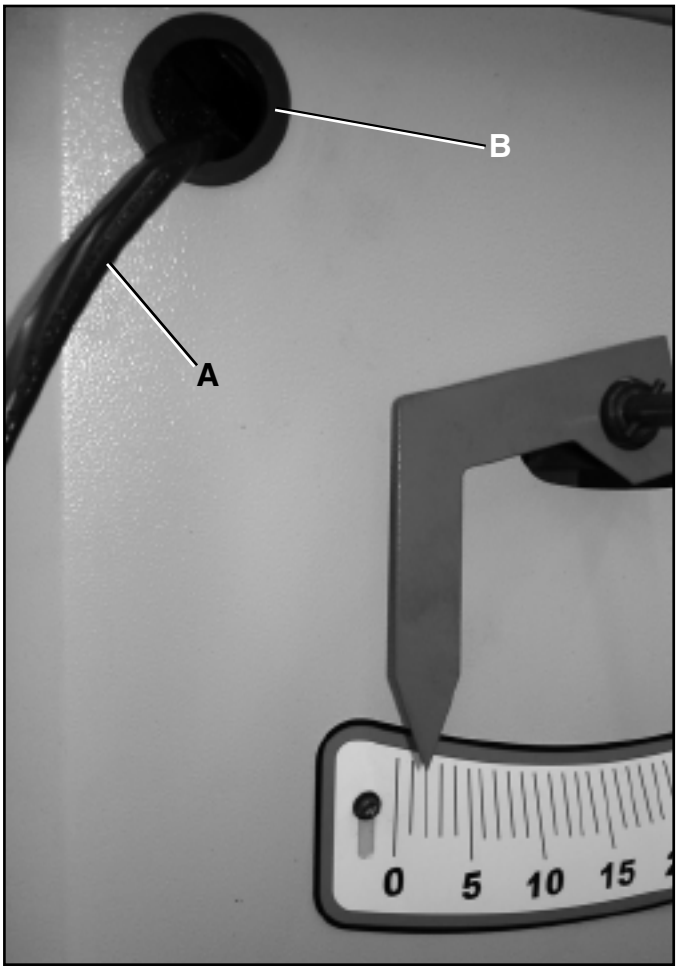
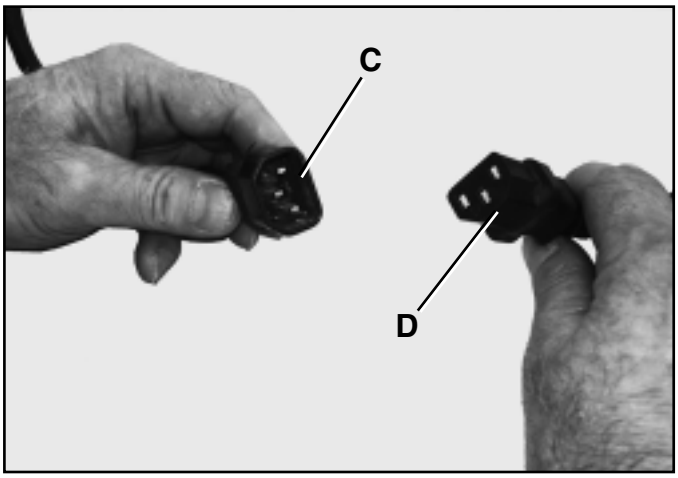


Fig. 13B



2. Open motor cover, insert three prong switch cord (C) into three hole outlet (D) of the motor cord. **SEE FIG. 13B.**

3. Pull slack in switch cord into the cabinet.

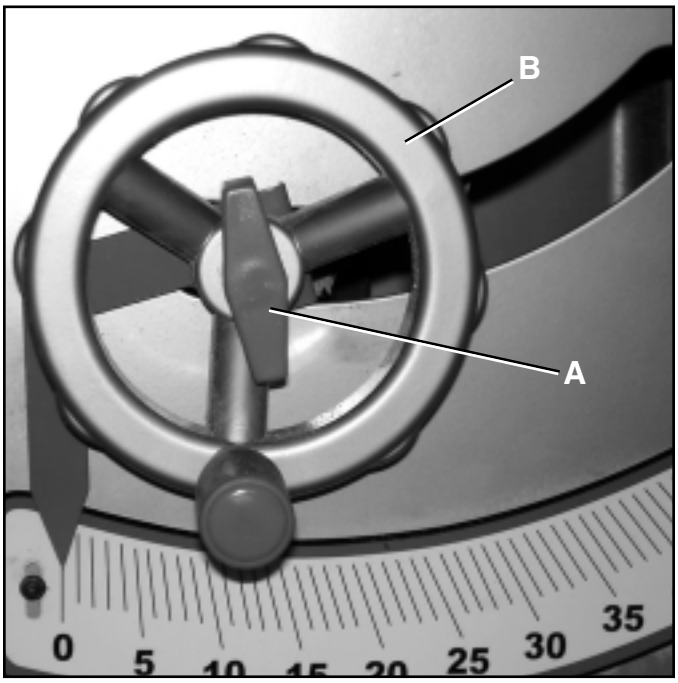
MOUNTING RAILS, FENCE AND TABLE BOARD

The rails, fence assembly, and table board can now be mounted to the saw. See Owner's Manual for Fence Assembly Instructions which will address the mounting of these parts.

ADJUSTMENTS

RAISING AND LOWERING THE BLADE

Fig. 16



The blade height adjustment handwheel and handwheel lock knob are located on the front of the cabinet above the blade bevel scale. To raise the saw blade, loosen the handwheel lock knob (A) (counterclockwise) and turn the handwheel (B) clockwise. When the saw blade is at its desired height, tighten the handwheel lock knob (clockwise) until it is securely tightened. **SEE FIG. 16.**

To lower the saw blade, loosen the handwheel lock knob (counterclockwise) and turn the handwheel counterclockwise. When the saw blade is at its desired height, tighten the handwheel lock knob (clockwise) until it is securely tightened.

TILTING THE BLADE

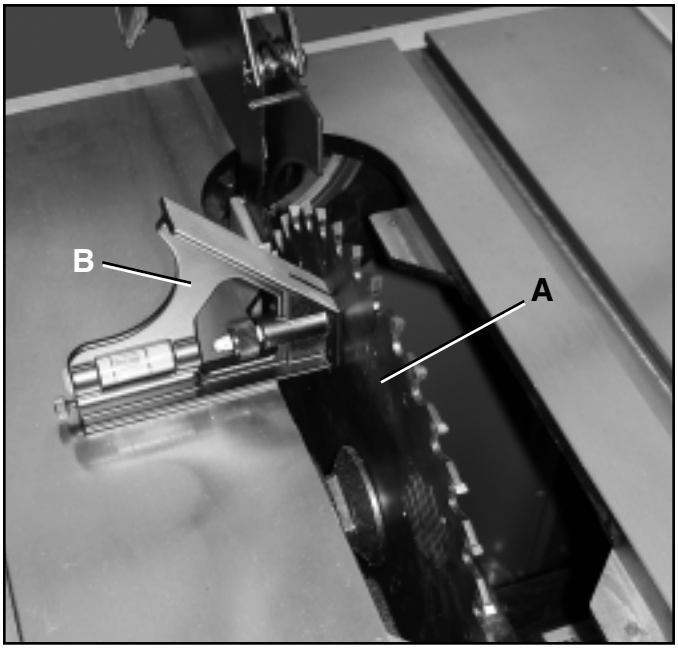
The blade bevel handwheel and handwheel lock knob are located on the left side of the cabinet. To increase the saw blade bevel, loosen the handwheel lock knob (counterclockwise) and turn the handwheel clockwise. When the saw blade is at its desired degree, tighten the handwheel lock knob (clockwise) until it is securely tightened.

To return the saw blade bevel to zero degrees, loosen the handwheel lock knob (counterclockwise) and turn the handwheel counterclockwise. When the saw blade is back to zero degrees it will come into contact with the adjustable positive stop which will cause the blade to stop. Tighten the handwheel lock knob (clockwise) until it is securely tightened.

To tilt the blade bevel to 45-degrees, loosen the handwheel lock knob (counterclockwise) and turn the handwheel clockwise. When the saw blade is at 45-degrees it will come into contact with the adjustable positive stop which will cause the blade to stop. Tighten the handwheel lock knob (clockwise) until it is securely tightened.

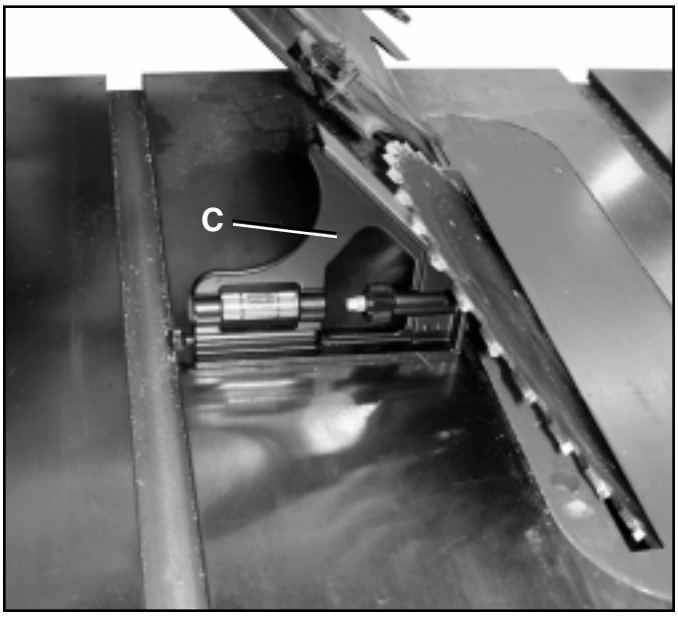
ADJUSTING BLADE BEVEL POSITIVE STOPS

Fig. 17



1. To adjust blade to a 90-degree blade bevel positive stop, raise the saw blade (A) to its highest position. **SEE FIG. 17.**
2. Using a combination square (B) check that the blade is 90 degrees to the saw table (zero degrees on bevel scale).
3. If the blade will not tilt to 90 degrees, turn (counterclockwise) the set screw in the left miter slot of the saw table until the blade can be positioned to 90 degrees.
4. Once the blade has been tilted to 90 degrees (confirm this using your square), tighten the bevel handwheel lock knob, located on the side of the cabinet. This will keep the blade from tilting further.
5. Turn the set screw (clockwise) until it comes in contact with the positive stop.
6. Loosen the bevel handwheel lock knob located on the side of the cabinet, and rotate bevel handwheel until the blade is at 45 degrees to the saw table.
7. If the blade will not tilt to 45 degrees, turn (counterclockwise) the set screw located just to the right of the right miter slot, until the blade can be positioned to 45 degrees.

Fig. 18

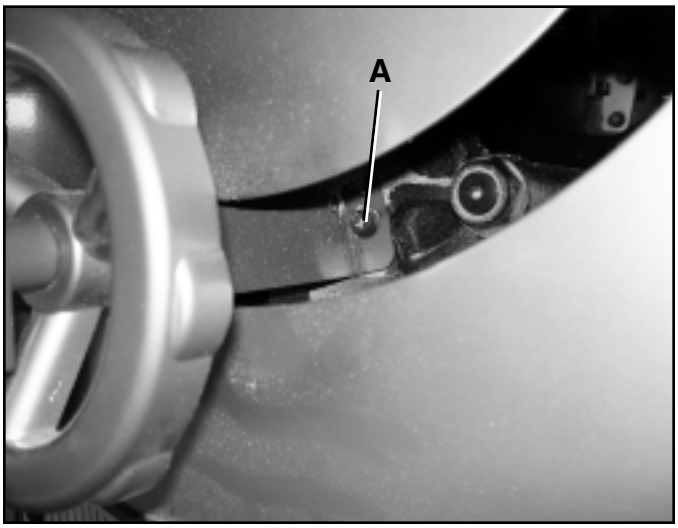


8. Using a combination square (C), make sure that the blade is at 45 degrees. **SEE FIG. 18.**
9. With the blade at 45 degrees, tighten the bevel handwheel lock knob to keep the blade from further tilting.
10. Turn the set screw clockwise until it comes in contact with the positive stop.

BEVEL ARROW ADJUSTMENT

1. Make certain that the blade is at 90-degrees to the table surface with a combination square.

Fig. 19



2. Check that the bevel arrow is pointing to the zero degree mark on the bevel scale located on the front of the cabinet. **SEE FIG. 19.**
3. To adjust arrow, loosen the Philips head screw (A), and reposition the bevel arrow and tighten screw.

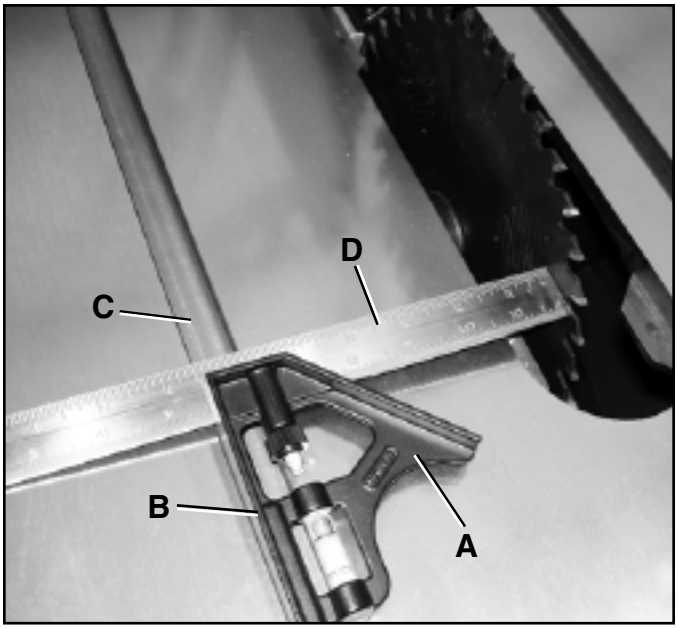
CHECKING BLADE ALIGNMENT

Blade heel is the misalignment of the blade to the miter slots. This means when the blade is not parallel to the miter slots, it is heeling. The blade is set parallel at the factory and should not need any adjustments. You can check this by using a dial indicator (not included) or a combination square (not included). It is recommended to check the alignment before initial operation as follows:

⚠ WARNING

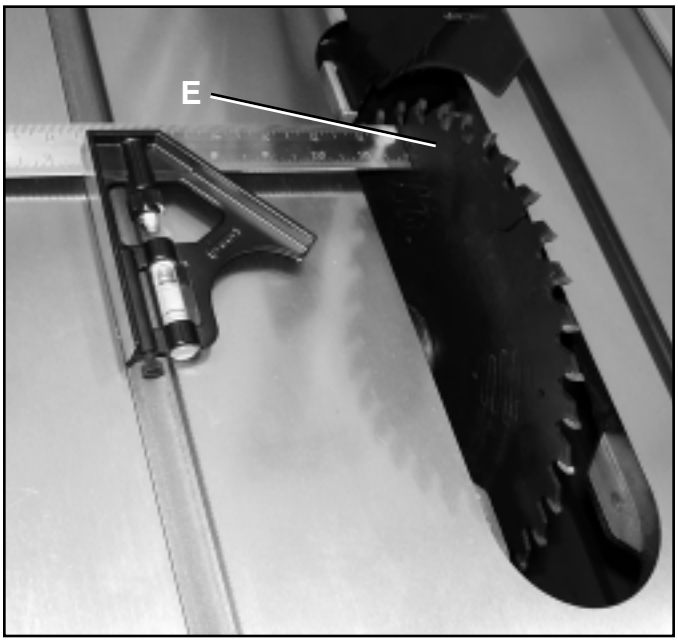
MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

Fig. 20



1. Raise the saw blade to its highest point.
2. Place a combination square (A) on the saw table with one edge (B) of the square against the left miter slot (C). **SEE FIG. 20.**
3. Adjust the square so the rule (D) just touches the saw blade. Make sure the rule is not touching any of the carbide tips of the saw blade.
4. Lock the rule in this position.

Fig. 21



6. Rotate the saw blade back so that you take the measurement from the same spot on the saw blade. **SEE FIG. 21.**
7. Take a reading at the rear of the blade (E) with the combination square. If there is a difference of more than .010 between the rule and the blade, then an adjustment will have to be made.
8. If an adjustment is necessary, see “ADJUSTING BLADE ALIGNMENT.”

ADJUSTING BLADE ALIGNMENT

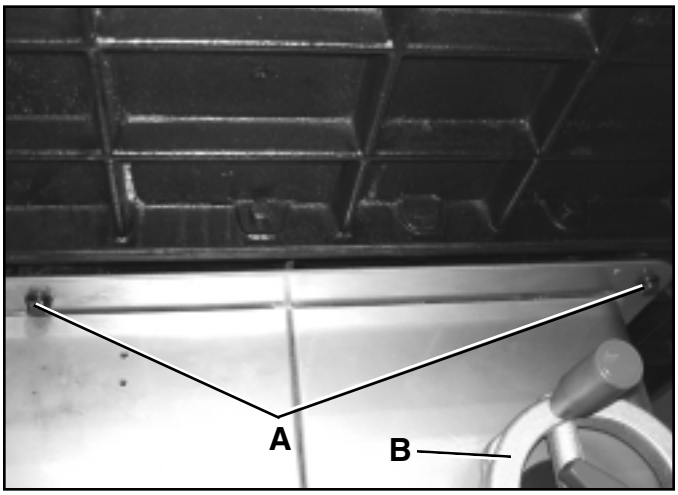
⚠ WARNING

Blade alignment is factory set and should not need adjustment. All saw blades have some runout. Therefore, readjusting the blade alignment should only be attempted if it becomes necessary (see checking blade alignment).

⚠ WARNING

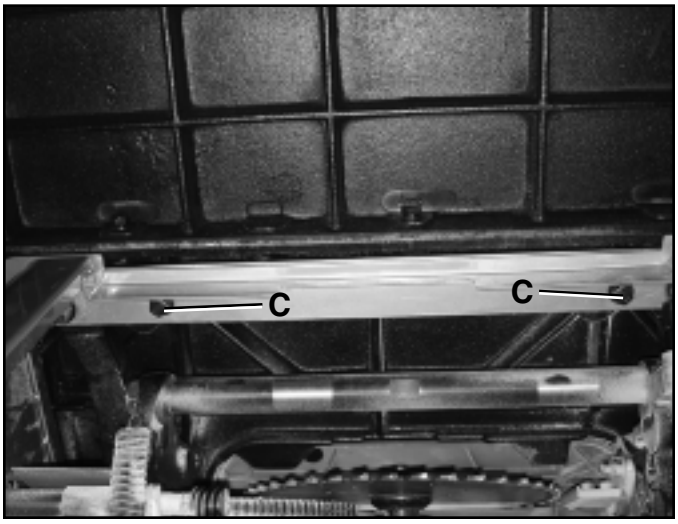
MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

Fig. 22



1. To align the blade parallel to the miter slot, first loosen two hex head screws (A) under the left side of the table saw. This is the same side as the bevel handwheel (B). **SEE FIG. 22.**

Fig. 23



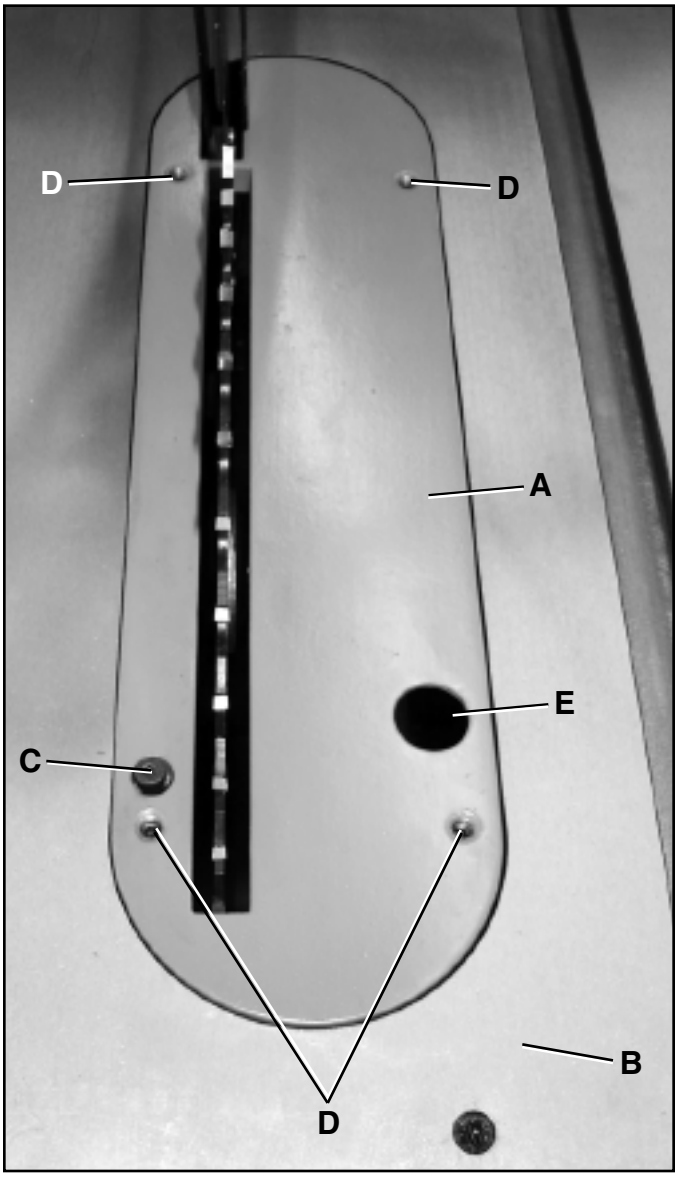
2. Open motor cover located on the right side of the table saw. Loosen two hex head screws (C) located directly above the opening. **SEE FIG. 23.**
3. The saw table is now loose and can be repositioned until the blade is parallel to the miter slot. Repeat steps in “CHECKING BLADE ALIGNMENT.”
4. When blade is parallel to miter slot, tighten all four hex head screws.
5. Recheck blade alignment.
6. Tilt the blade to 45 degrees, and rotate the saw blade by hand. Make sure the blade does not contact the table insert.

TABLE INSERT ADJUSTMENT

⚠ WARNING

MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

Fig. 24



1. The table insert (A) must always be level with the saw table (B). To adjust the table insert, loosen and remove table insert retaining bolt (C). **SEE FIG. 24.**
2. Place a straight edge across the front and rear of the table insert. Check that the insert is perfectly level with the saw table.
3. To level the table insert, turn the one or more adjusting set screws (D) as needed and recheck.
4. Once the insert is level, secure the insert with the retaining bolt removed in step 1.
5. The table insert is equipped with a finger hole (E) for easy removal.

CHANGING MOTOR VOLTAGE

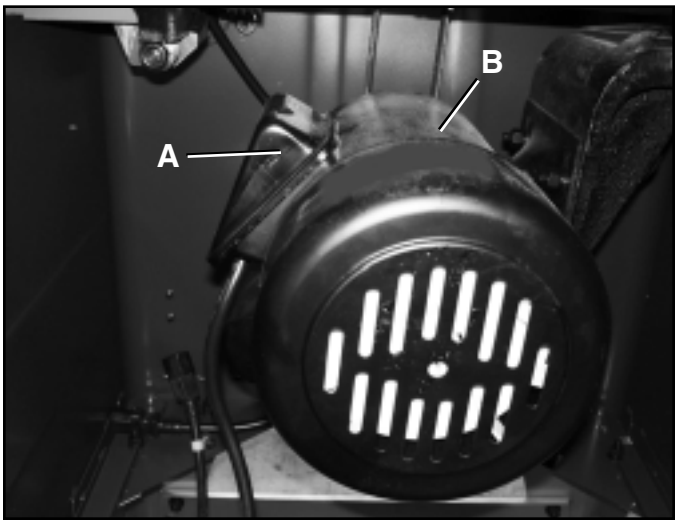
This section only applies to Model 35600 with the 1-3/4HP Motor. The 35605 Model with the 3HP motor will only run at 230V.

⚠ WARNING

MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE. Have a certified electrician make all electrical connections. All local and state codes must be maintained.

The motor supplied with the table saw is a dual voltage 115/230-volt, single phase motor. The motor is wired from the factory for 115-volt operation. To change to 230-volt operation for your table saw, proceed with the following instructions. It is also necessary to replace the 115 volt plug, supplied with the table saw, with a UL/CSA Listed plug (not included) suitable for 230 volts and the rated current of the motor. The table saw with a 230 volt plug should only be connected to an outlet having the same configuration as the plug. No adapter is available or should be used with the 230 volt plug.

Fig. 25



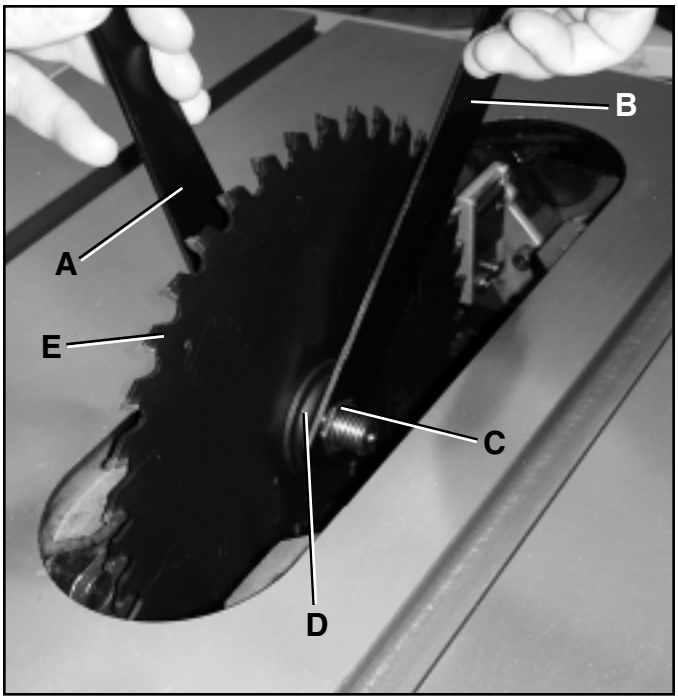
1. Make sure the switch is “OFF” and disconnect power cord from power source.
2. Open motor cover and verify on the motor tag that motor is dual voltage.
3. If motor tag states that it is dual voltage remove junction box cover (A) on motor (B). **SEE FIG. 25.**
4. Using wiring diagram on inside of junction box cover, reconnect motor leads for 230-volt operation.
5. Replace junction box cover and close motor cover.
6. Replace the 115-volt plug with a plug rated for 230-volt operation.
7. The ON/OFF switch is 4-pole and does not need modified.

CHANGING THE SAW BLADE

⚠ WARNING

- **Turn the power switch "OFF" and unplug the power cord from its power source when changing the saw blade.**
- **USE ONLY 10-in diameter blades with 5/8-inch arbor holes, rated at or higher than 3800 R.P.M.**

Fig. 26



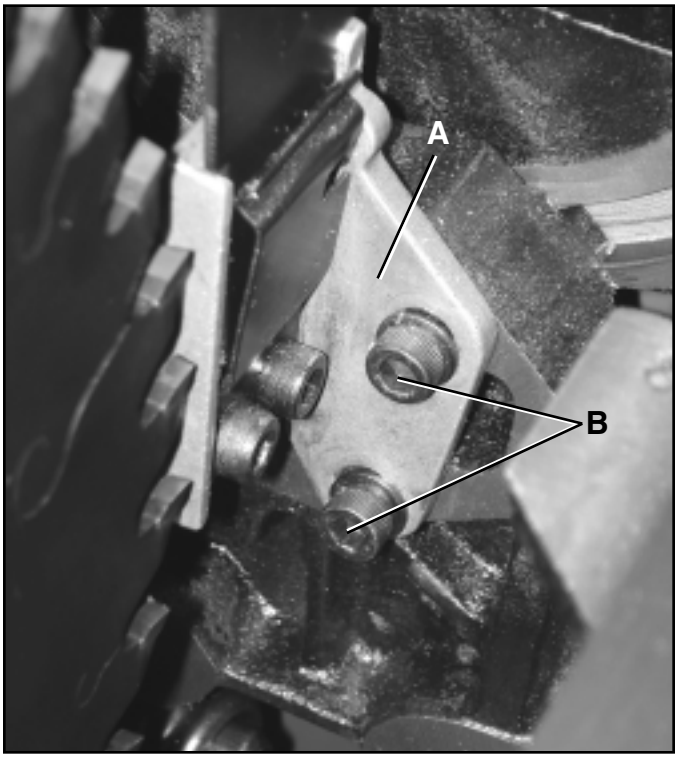
1. Remove blade guard and splitter.
2. Remove the table insert retaining bolt and remove the table insert.
3. Unlock the raise/lower handwheel lock and raise saw blade to maximum height.
4. Two wrenches are supplied with the table saw. Place one open-end wrench (A) on the flat of the saw arbor to keep it from turning. Place the closed-end wrench (B) on the arbor nut (C). Turn the arbor nut wrench toward the front of saw to loosen it. Remove arbor nut, blade flange (D) and saw blade (E). **SEE FIG. 26.**
5. Assemble the new saw blade; make certain the teeth point down at the front of the saw table and assemble the blade flange and arbor nut. Using both blade wrenches as previously mentioned, tighten arbor nut in the opposite direction from which it was loosened.
6. Replace table insert and tighten the table insert retaining bolt.
7. Replace blade guard and splitter

ALIGNING SPLITTER BRACKET

⚠ WARNING

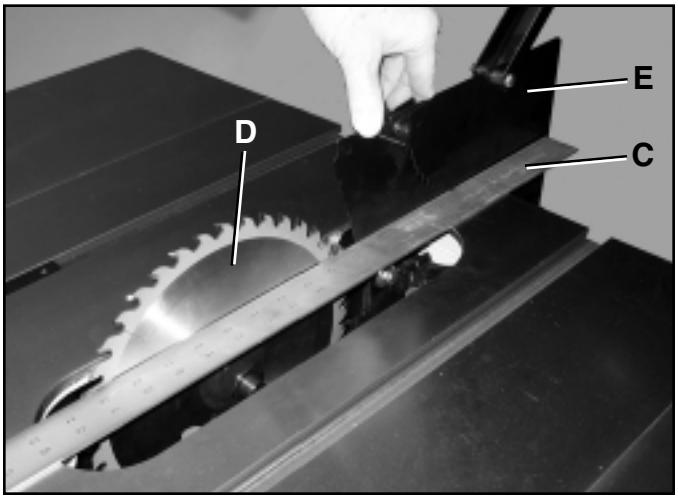
MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

Fig. 27



1. To adjust front splitter bracket (A), loosen the two hex socket head cap screws (B). **SEE FIG. 27.**

Fig. 28



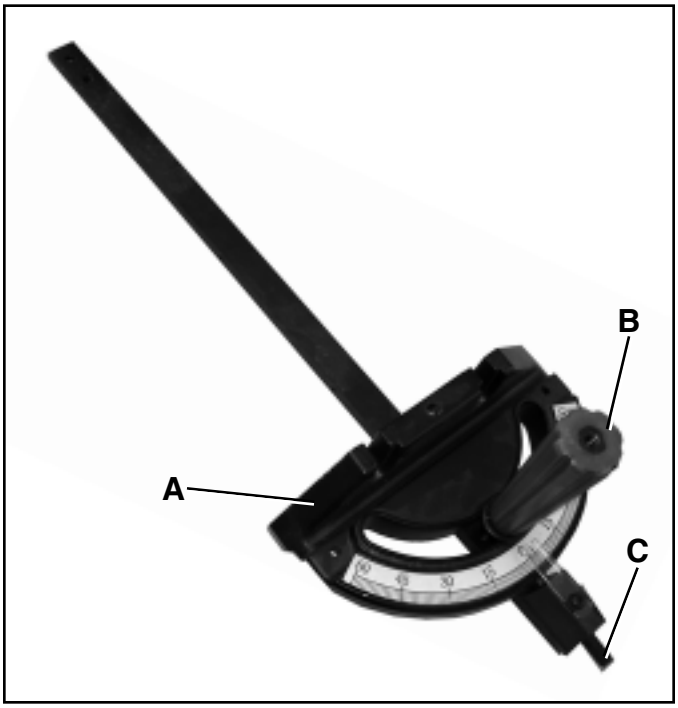
2. Place a straight edge (C) along the side of blade (D) and adjust the front splitter bracket to align the splitter (E) with the blade. **SEE FIG. 28.**
3. Once splitter bracket is aligned, retighten hex socket head cap screw from STEP 1.

MITER GAUGE ADJUSTMENT

⚠ WARNING

MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

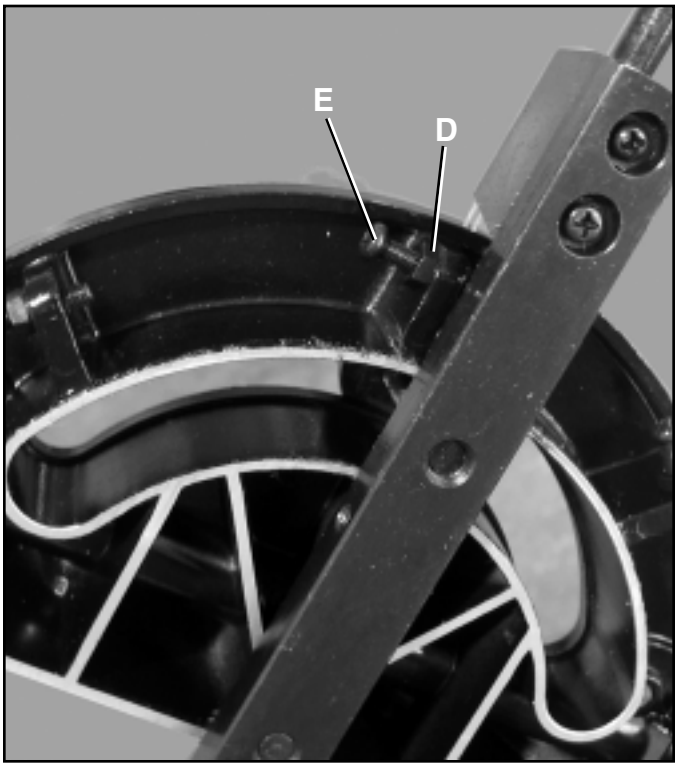
Fig. 29



1. The miter gauge has adjustable positive stops at 0-degree and plus or minus 45-degrees or it can be manually set at any angle between plus or minus 60-degrees.
2. To rotate miter gauge body (A), loosen knob (B) and pull out plunger (C) and rotate miter gauge body to desired angle and tighten knob. **SEE FIG. 29.**
3. To rotate to the next positive stop, pull plunger (C) out, rotate miter gauge body then push plunger back in and continue rotating miter gauge body until it stops against next positive stop.

ADJUSTING POSITIVE STOPS

Fig. 30



1. To adjust 0-degree positive stops, loosen knob (B), pull out on plunger (C) and turn miter gauge over.
2. Loosen the lock nut (D) 3 or 4 turns. **SEE FIG. 30.**
3. Place a square against the guide bar and front of the miter gauge body. Square the miter gauge body to the guide bar and tighten knob.
4. Push in plunger and make adjustments to stop screw (E) so that it touches the plunger and tighten lock nut.
5. Recheck the positive stop angle to the saw blade. Insert the guide bar into the miter slot and slide the miter gauge up to the saw blade.
6. To check, place a square against the saw blade and miter gauge body. If any more adjustments are need repeat steps above.
7. To set both 45-degree positive stops, repeat steps 1 thru 6 above.

OPERATIONS

⚠ CAUTION

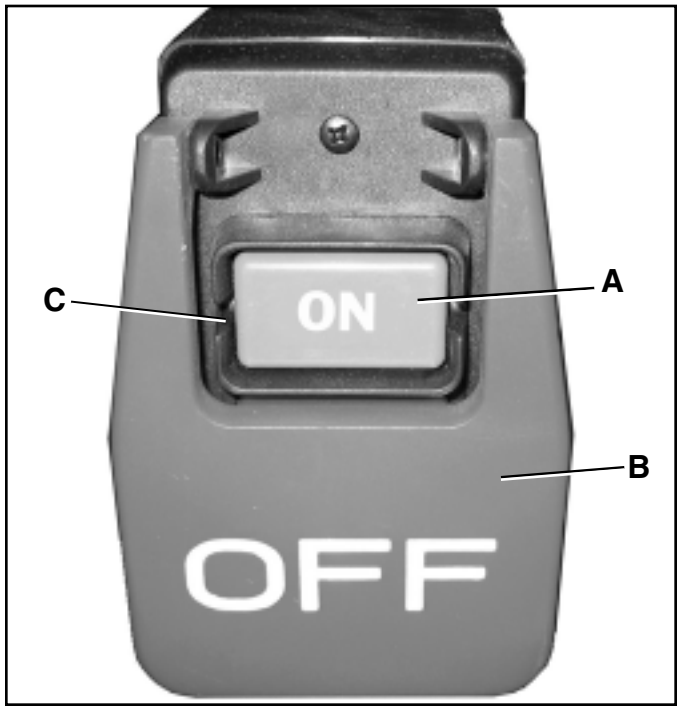
- A separate electrical circuit should be used for your table saw. The circuit should not be less than #14 AWG wire and should be protected with a 15-amp time lag fuse.
- Have a qualified electrician repair or replace damaged or worn cord immediately.
- Before connecting the motor to the power line, make certain the switch is in the “OFF” position and be sure that the electric current is of the same characteristics as the motor nameplate. All line connections should make good contact.
- Running on low voltage or long extension cords will damage the motor.

⚠ WARNING

- **DO NOT** expose the table saw to rain or operate the in damp locations.
- **MAKE SURE** all parts have been assembled correctly and are in working order.
- **KEEP** table surface clear of tools and debris before starting table saw.

STARTING AND STOPPING THE SAW

Fig. A



1. The ON/OFF switch is located under the front rail on the table saw.
2. To turn the table saw on, press the green “START” button (A) in one-half inch. Note: There is a safety feature on the switch to insure that the switch must be completely pressed before the saw will START. **SEE FIG. A.**
3. To turn the table saw off, press the large red “OFF” paddle (B) or lift the paddle and press directly on the red “OFF” button.
4. When the table saw is not in use, the “ON” button should be locked so that it cannot be started.
5. Using a padlock (not provided), it is possible to lock the switch to prevent unauthorized use. Lift the red “OFF” paddle and place a padlock through the holes (C) in the side of the “ON” button and then lock the padlock. Make sure keys have been removed from padlock and placed where no children can get them. **SEE FIG. A.**
6. To use the table saw, unlock and remove the padlock from the “ON” button.

THERMAL-OVERLOAD PROTECTION

⚠ WARNING

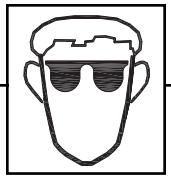
- Turn the power switch “OFF” and unplug the power cord from its power source prior to doing or performing any maintenance.
- Make certain that the “OFF” button has been depressed before pushing the thermal-overload reset button.

The motor supplied with your table saw has a resettable thermal-overload relay located on the side of the switch. If the motor shuts off during an operation (cutting a workpiece too fast or using a dull blade, using the saw beyond its capacity, or low voltage) press the “OFF” button and let the motor cool three to five minutes. Push the reset thermal-overload button on the side of the ON/OFF switch assembly. Make certain that the saw blade and work area has been cleared of debris before restarting saw. The motor can now be turned on again.

⚠ WARNING

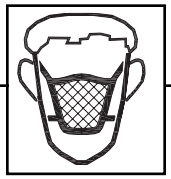
MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

⚠ WARNING



ALWAYS wear eye protection. Any machine can throw debris into the eyes during operations, which could cause severe and permanent eye damage. Everyday eyeglasses are **NOT** safety glasses. **ALWAYS** wear Safety Goggles (that comply with ANSI standard Z87.1) when operating power tools.

⚠ WARNING



ALWAYS wear a NIOSH/OSHA approved dust mask to prevent inhaling dangerous dust or airborne particles.

NOTICE

The following section was designed to give instructions on the basic operations of this table saw. However, it is in no way comprehensive of every table saw application. It is strongly recommended that you read books, trade magazines, or get formal training to maximize the potential of your table saw and to minimize the risks.

PRE-RUN CHECK

Before you begin to use your Table Saw, you should give it a thorough inspection, making sure you ask yourself the following questions:

1. Is the blade mounted correctly?
2. Is the saw stable?
3. Is it wired properly?
4. Is your electrical system properly configured?
5. Haved you checked your workpiece for obvious defects?
6. Is the guard assembly installed and functional?
7. Have you checked the saw blade clearance when it is adjusted to varying angles and depths?
8. Have you read all the warnings and directions regarding the operation of this machine?

TEST RUN

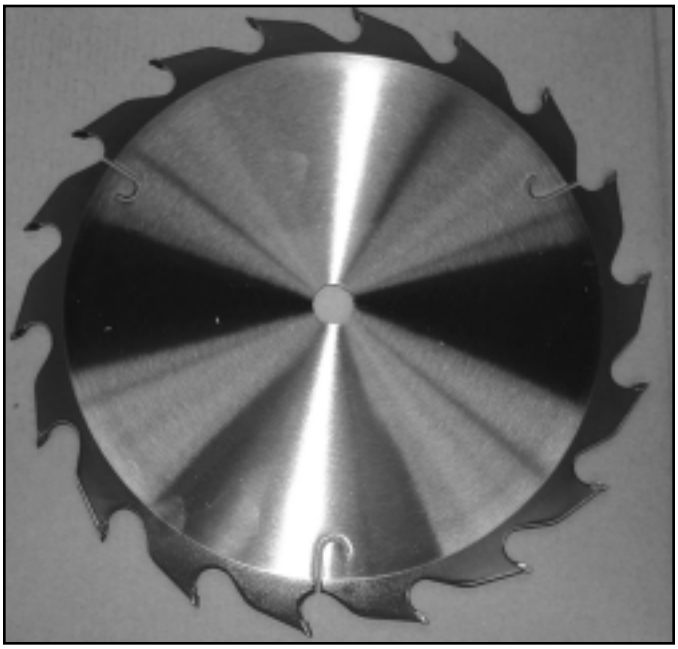
1. Face the table saw and stand to the left of the blade path.
2. With one finger on the ON button and one finger on the OFF button, turn the saw on. Be ready to turn the saw off in case of a mishap.
3. Watch and listen to the saw. Note whether there are any unusual sounds or excessive vibrations.
4. If anything appears abnormal, immediately turn off the saw, unplug it, and fix the problems. If a problem exists that is beyond the scope of this manual, contact your dealer.
5. If the saw is behaving normally, turn it off and prepare to make a cut according to the instructions outlined in this section.

BLADE SELECTION

Choosing the correct blade for the job is essential for the safe and efficient use of your table saw. Ignoring this important step could result in damage to the saw and serious injury to the operator. Below are the most common saw blades and their uses.

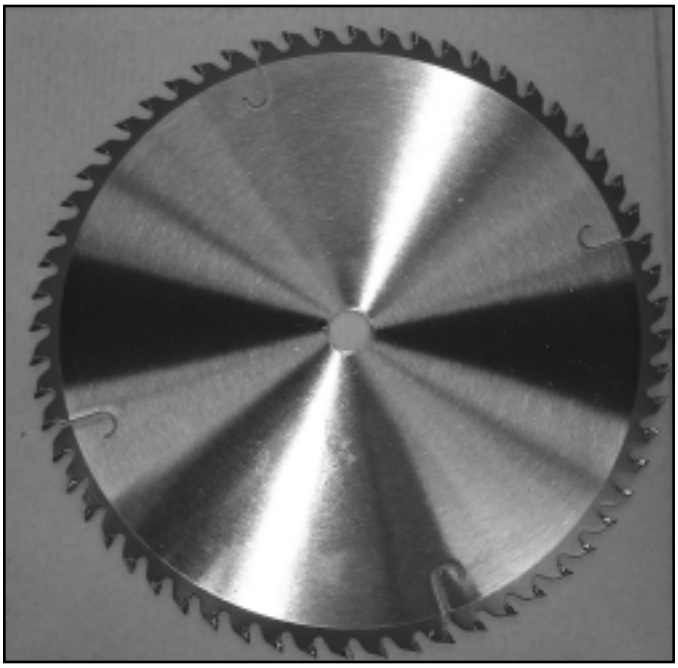
1. **Rip Blade:** Used for cutting with the grain. Typically, 10” rip blades have between 18-40 teeth and large gullets to allow for large chip removal. **SEE FIG. 31.**

Fig. 31



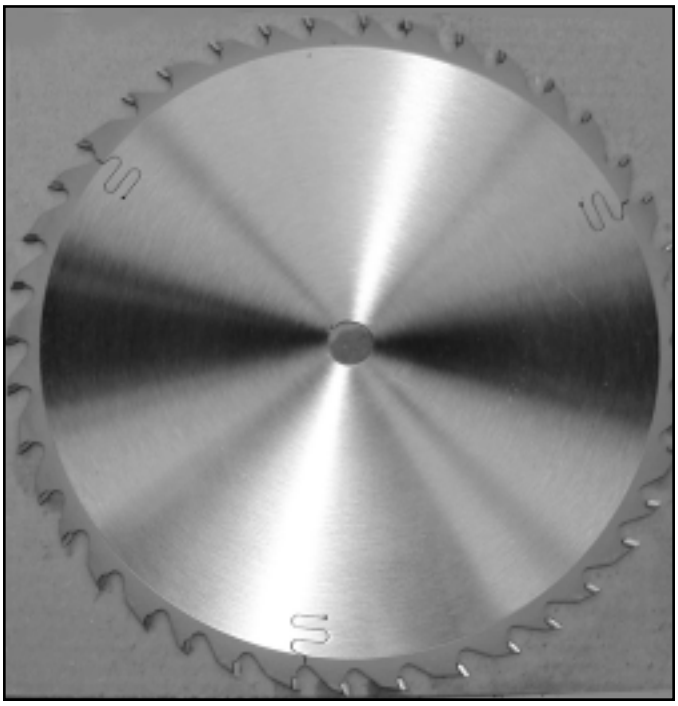
2. **Cross-cut Blade:** Used for cutting across the grain. 10” cross-cut blades have between 60-80 teeth and a shallow gullet. **SEE FIG. 32.**

Fig. 32



3. **Combination Blade:** Used for cutting with and across the grain. A compromise between a rip blade and a cross-cut blade, a 10” combination blade will typically have between 40-50 teeth. **SEE FIG. 33.**

Fig. 33



4. **Thin-kerf:** Most types of saw blades are available in a thin-kerf style. Designed primarily to minimize stock waste, thin-kerf blades are used in conjunction with a blade stabilizer to reduce blade wobble. **Note:** Many blade guards/splitters are thicker than many thin-kerf blades. Make sure that the stock will pass by the guard/splitter before beginning a cut.

5. **Dado Blades:** There are two types of dado blades: stack and wobble. Stack dadoes involve more set-up time, but they provide a superior finish cut when compared to a wobble dado.

6. **Moulding Heads:** A moulding head is a cutterhead that attaches to the arbor and holds individual moulding knives. They are very dangerous and require training beyond the scope of this manual.

This section on blade selection is by no means comprehensive. Always follow the saw blade manufacturer’s recommendations to assure safe and efficient operation of your table saw.

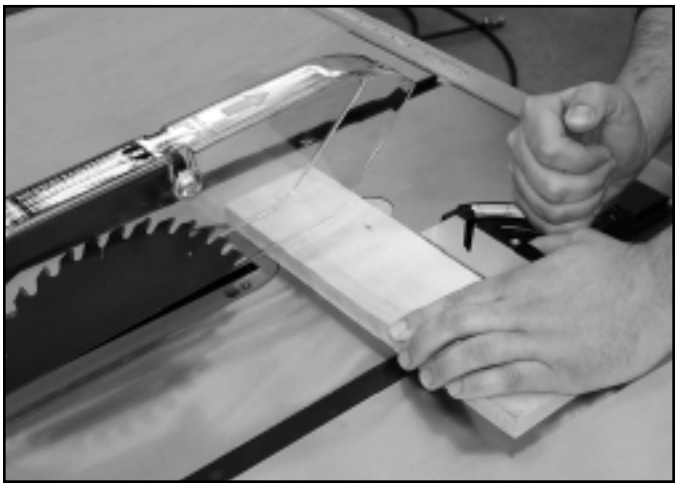
CROSSCUTTING

Crosscutting means cutting across the grain of the wood. In wood products without grain (i.e. MDF, particleboard), crosscutting simply means cutting across the width of the stock.

Crosscuts are made with the miter gauge. There are two miter gauge slots in the table top. Use the one that works best for the piece being crosscut. **To make a crosscut using the miter gauge:**

1. Inspect the board for soundness. You do not necessarily need a square edge to crosscut with accuracy.
2. Inspect the miter gauge. Is it properly set and tight? Move the rip fence completely out of the way.
3. Turn on the saw and allow it to come to full speed.
4. Hold the workpiece firmly against the face of the miter gauge and ease it into the blade and through the workpiece. **SEE FIG. 34.**

Fig. 34



5. Turn off the saw and allow the blade to come to a full stop.

⚠ WARNING

Small cutoff pieces can contact the moving blade and be thrown back toward the operator. Always use the least amount of clearance between the table insert and the blade to reduce the risk of injury from these pieces. Never attempt to grab these pieces while the table saw is turned on. Your hand may come into contact with the blade. Turn the table saw off and safely remove these pieces AFTER the blade has come to a complete stop.

RIPPING

Ripping means to cut with the grain of the wood. In other materials such as MDF or plywood, ripping simply means to cut lengthwise. **To rip a board:**

1. Inspect the board for soundness. You will need a straightedge to rip with accuracy. Your workpiece may need to be jointed flat before attempting to cut on the table saw.

⚠ WARNING

Never attempt to rip a board that does not have one perfectly straight edge on it. Always run the straight edge of the board against the rip fence. Failure to do this could result in kickback and serious personal injury.

2. Set the rip fence to the desired distance from the blade. **IF YOU ARE MAKING NARROW CUTS, USE A PUSH-STICK**. Serious injury can occur if you put your hands close to the blade. A push-stick pattern has been included at the end of this manual. Use it to hold the workpiece against the table and fence and push the workpiece fully past the blade. When a small width is to be ripped and a push-stick cannot be safely put between the blade and rip fence, rip a larger piece to obtain the desired piece.
3. Turn on the saw and allow it to reach full speed. Place the trued edge of the board against the rip fence. Feed the workpiece slowly and evenly into the blade and through the workpiece. When ripping, always stand off to the side of the workpiece and push it through, making sure to keep your fingers out of line with the blade. **SEE FIG. 35**.

Fig. 35

Do not stand directly behind the workpiece when ripping. **SEE FIG. 36.**

Fig. 36

⚠ WARNING

Stand out of the line of potential kickback. Hold the workpiece firmly against the fence and table. Do not allow your fingers to get close to the blade! Do not reach over the blade to off-load the workpiece.

DADO OPERATIONS

In addition to its ability to rip and crosscut lumber, the table saw is also an invaluable tool for creating a variety of dadoes. These non-through cuts can be created with specially-designed stacking or wobbling dado blades.

⚠ WARNING

Never allow hands or arms to be above or behind the saw blade. Should kickback occur, the hands and arms can be pulled into the saw blade. Serious injury will result.

⚠ WARNING

Never perform a through cut operation with a dado blade. A dado blade was designed to make non-through cuts only. Failure to follow these dierctions could result in serious injury.

⚠ WARNING

Dado operations present very real hazards requiring proper procedures to avoid serious injury. The chance of kickback is always greater when dado blades are used so extra precautions must be used. Any movement of the stock away from the fence will cause kickback. Be certain that stock is flat and straight. Failure to follow these warnings could result in serious personal injury.

⚠ CAUTION

Always use push sticks, featherboards, push paddles and other safety accessories whenever possible to increase safety and control during operations which require the blade guard and splitter to be removed from the saw. ALWAYS replace the blade guard after dadoing is complete.

Proper dado operations will differ depending on the blade system you choose. Consult the instructions included with your dado blades for directions regarding attachment and adjustment. To use a dado blade:

⚠ WARNING

MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

1. Remove the table insert, splitter guard, and regular saw blade.
2. Attach and adjust the dado blade system as recommended in the dado blade's instructions.
3. Install the dado table insert.
4. Raise the blade system up to the desired depth of the dado. Make sure the dado blade will not cut through the workpiece.
5. If dadoing along the length of your workpiece, adjust the distance between the fence and the inside edge of the blade to suit your needs. When cutting across the wood grain, use the miter gauge as a guide while dadoing. **Remember:** Never use the fence as a stop in conjunction with your miter gauge.
6. Reconnect the saw to the power source.
7. Using a scrap piece as a test piece, switch on the saw and take a pass over the dado blade.
8. If the cut is satisfactory, repeat with your finish stock.

MAINTENANCE

BACKLASH ADJUSTMENTS FOR BLADE RAISING/LOWERING AND BLADE TILTING ASSEMBLIES

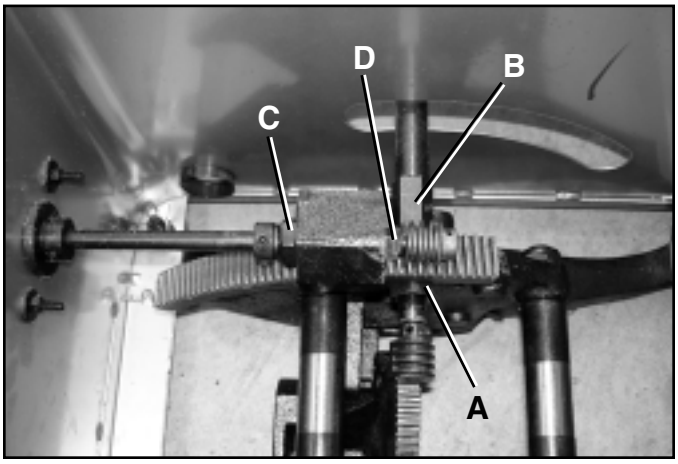
If any play is detected in the blade raising/lowering or blade tilting assemblies, the following adjustments should be made.

⚠ WARNING

MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

NOTE: In the illustration below, the table saw has been turned upside down and the blade removed for clarity.

Fig. 37



1. To adjust the blade raising/lowering assembly, loosen lock-nut (A) and turn the eccentric sleeve (B) until all play is removed in the assembly, then tighten lock-nut. **SEE FIG. 37**
2. To adjust the blade tilting assembly, loosen lock-nut (C) and turn the eccentric (D) until all play is removed in the assembly, then tighten the lock-nut.

PROTECTING CAST IRON TABLE FROM RUST

⚠ WARNING

MAKE CERTAIN THAT THE SAW IS DISCONNECTED FROM THE POWER SOURCE.

The environment and frequency of human contact can have a very detrimental impact on unpainted cast iron surfaces. Moisture, humidity and oils (from human hands!) can cause the unpainted cast iron surfaces to mar or rust, so it is important to conduct routine maintenance to keep your table saw looking new. Cleaning and waxing the cast iron surfaces on a regular maintenance schedule is recommended as follows:

To clean and maintain the unpainted cast iron surfaces:

- Apply a heavy coat of WD-40 onto the unpainted cast iron surface.
- Use a fine steel wood pad to buff the unpainted cast iron. Make sure to buff in a “front-to-rear” direction only. A side-to-side buffing motion will show in the finely ground cast iron as a flaw, defect or scratches.
- Reapply WD-40 and buff the unpainted cast iron surfaces until the stains or rust is removed. Make sure you use the same front-to-rear buffing direction to avoid scratching or marring the cast iron surface.
- After all stains and/or rust have been removed, clean all oil and dirt from the table saw using a soft cloth or rag.
- Lastly, you need to apply a good automotive paste wax to all unpainted cast iron surfaces. This will help to protect the saw from rusting from further contact with moisture or oily hands.

This table saw requires very little maintenance other than minor lubrication and cleaning. The following sections detail what will need to be done in order to assure continued operation of your saw.

LUBRICATION

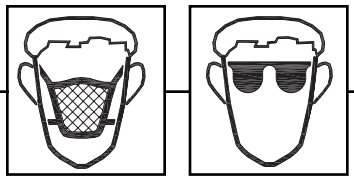
The table saw has sealed lubricated bearings in the motor housing that do not require any additional lubrication from the operator.

Use a wire brush to clean off the worm gears and trunnions and apply a white lithium grease to keep them lubricated.

CLEANING

Keep the inside of the cabinet clear of saw dust and wood chips. With the table saw unplugged, vacuum out the inside of the cabinet or blow out the inside with an air hose. Be sure to use air pressure no higher than 50 P.S.I. as high pressure air may damage insulation.

⚠ WARNING



Be sure to wear protective eyewear and dust mask when cleaning out the cabinet of the saw.

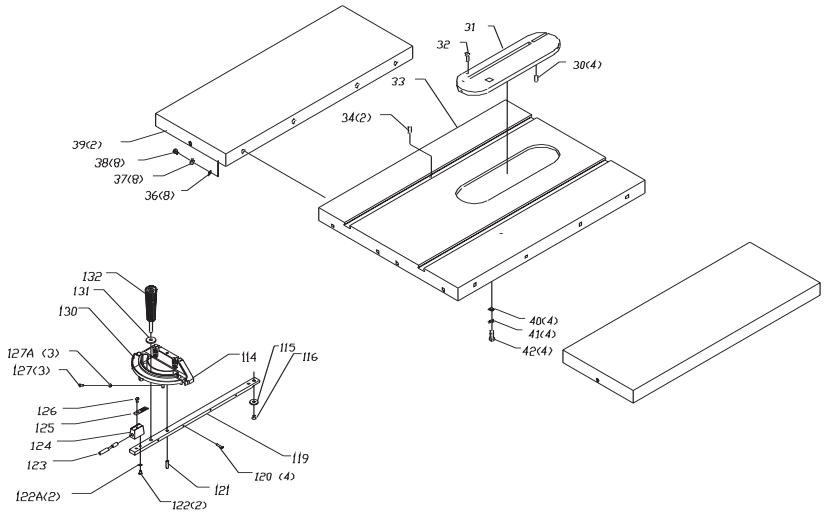
TROUBLESHOOTING GUIDE

This section covers the most common processing problems encountered in sawing and what to do about them. Do not make any adjustments until the table saw is unplugged and moving parts have come to a complete stop.

PROBLEM	LIKELY CAUSE(S)	SOLUTION
Saw stops or will not start.	1. Overload tripped. 2. Saw unplugged from wall or motor. 3. Fuse blown or circuit breaker tripped. 4. Cord damaged.	1. Allow motor to cool and reset by pushing reset switch. 2. Check all plug connections. 3. Replace fuse or reset circuit breaker. 4. Replace cord.
Does not make accurate 45° or 90° cuts.	1. Stops not adjusted correctly. 2. Angle pointer not set accurately. 3. Miter gauge out of adjustment.	1. Check blade with square and adjust stops. 2. Check blade with square and adjust pointer. 3. Adjust miter gauge.
Material binds blade when ripping.	1. Fence not aligned with blade. 2. Warped wood. 3. Excessive feed rate. 4. Splitter not aligned with blade.	1. Check and adjust fence. 2. Select another piece of wood. 3. Reduce feed rate. 4. Align splitter with blade.
Saw makes unsatisfactory cuts.	1. Dull blade. 2. Blade mounted backwards. 3. Gum or pitch on blade. 4. Incorrect blade for cut. 5. Gum or pitch on table.	1. Sharpen or replace blade. 2. Turn blade around. 3. Remove blade and clean. 4. Change blade to correct type. 5. Clean table.
Blade does not come up to speed.	1. Extension cord too light or too long. 2. Low shop voltage. 3. Motor not wired for correct voltage.	1. Replace with adequate size cord. 2. Contact your local electric company. 3. Refer to motor junction box.
Saw vibrates excessively.	1. Stand on uneven floor. 2. Damaged saw blade. 3. Bad poly V-belts. 4. Bent pulley. 5. Improper motor mounting. 6. Loose hardware. 7. Loose set screw in pulley.	1. Reposition on flat, level surface. 2. Replace saw blade. 3. Replace poly V-belts. 4. Replace pulley. 5. Check and adjust motor. 6. Tighten hardware. 7. Tighten set screw.
Rip fence binds on guide rails.	1. Guide rails or extension wing not installed correctly. 2. Guide of rip fence not adjusted properly.	1. Reassemble guide rails, refer to fence manual. 2. Adjust guides, refer to fence manual.
Material kicked back from blade.	1. Rip fence out of alignment. 2. Splitter not aligned with blade. 3. Feeding stock without rip fence. 4. Splitter not in place. 5. Dull blade. 6. Letting go of material before it is past blade. 7. Anti-kickback fingers dull.	1. Align rip fence with miter slot. 2. Align splitter with blade. 3. Install and use rip fence. 4. Install and use splitter (with guard). 5. Replace blade. 6. Push material all the way past blade before releasing work. 7. Replace or sharpen anti-kickback fingers.
Blade does not raise or tilt freely.	1. Sawdust and debris in raising and tilting mechanisms.	1. Clean and grease.

◆ NOTES ◆

PARTS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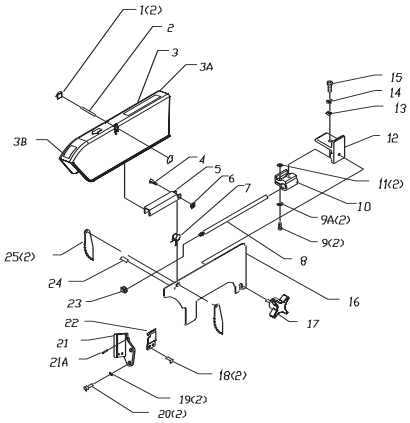
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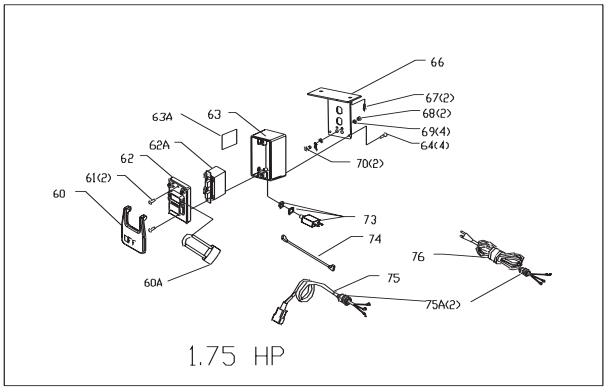
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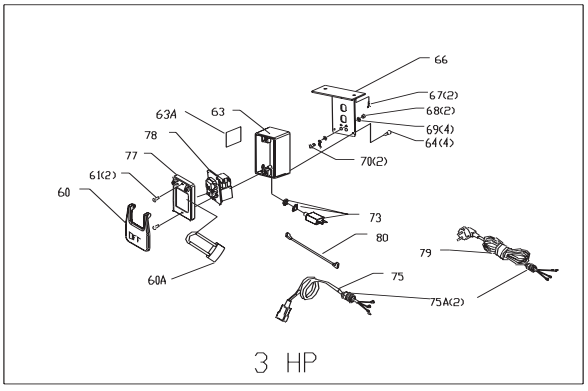
75A(2)
1.75 HP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60A
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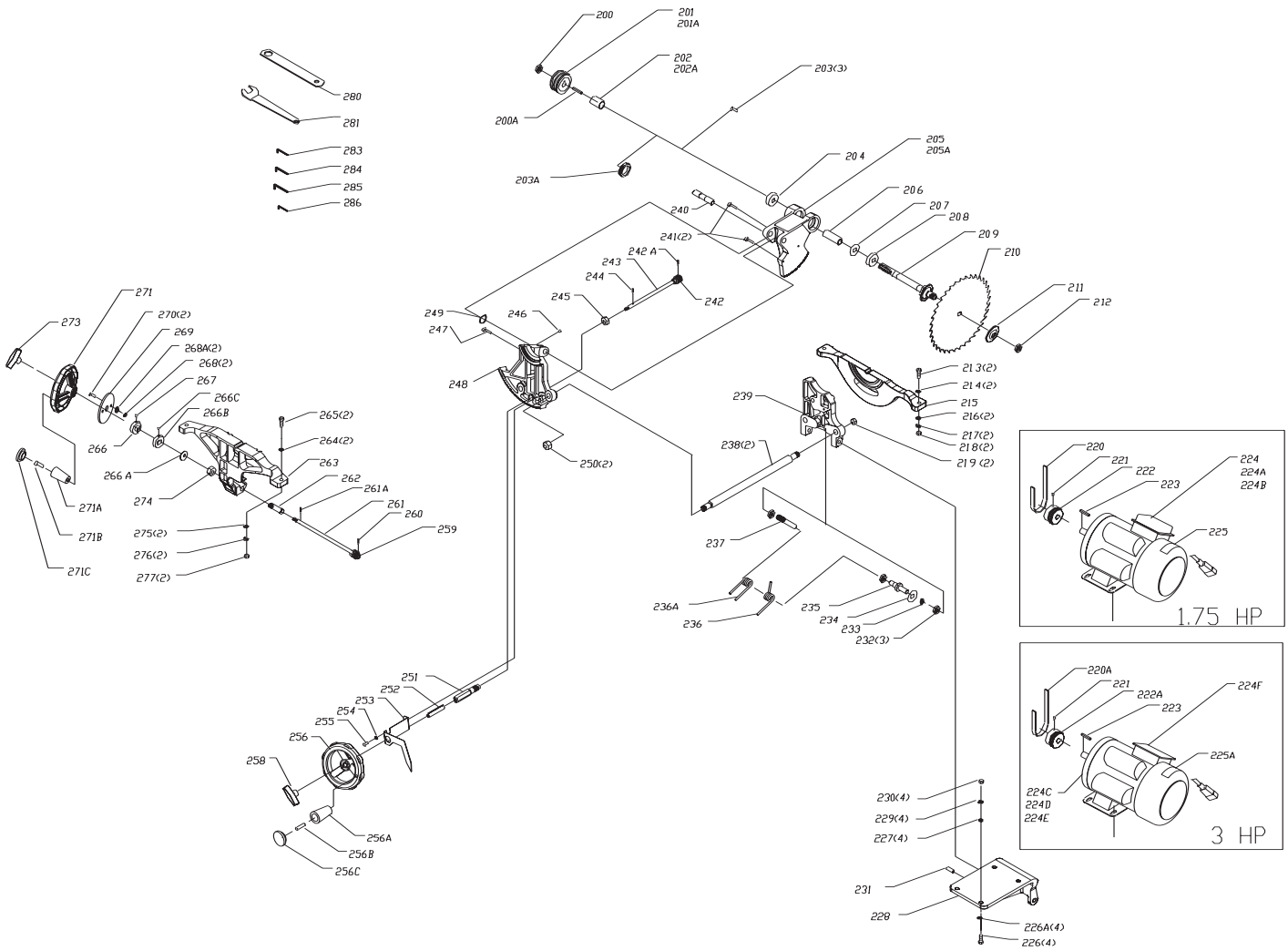
75A(2)
3 HP

KEY NO.	PART NO.	DESCRIPTION	QTY.
1	OR91785	PUSH NUT	2
2	OR91781	PIN	1
3	OR91027	SEE THRU BLADE GUARD	1
3A	OR91574	WARNING LABEL	1
3B	OR91575	WARNING LABEL PICTORAL	1
4	OR91782	PIN	1
5	OR91008	GUARD BRACKET	1
6	OR91834	PUSH NUT	1
7	OR91745	SPRING	1
8	OR91031	SPLITTER MOUNTING ROD	1
9	OR91812	M6 X 22mm HEX SOC HD SCREW	2
9A	OR90502	M6 LOCK WASHER	2
10	OR91011	SPLITTER REAR MOUNT LOWER	1
11	OR91051	SPLITTER MOUNT SQUARE NUT	2
12	OR91012	SPLITTER REAR MOUNT UPPER	1
13	OR91820	M6 FLAT WASHER(6.4x18x1.6)	1
14	OR90502	M6 LOCK WASHER	1
15	OR91812	M6 X 20mm HEX SOC HD SCR	1
16	OR91015	SPLITTER	1
17	OR70133	SPLITTER KNOB	1
18	OR91760	M6X6 HEX SOC HD SCR	2
19	OR91820	M6 FLAT WASHER(6.4x18x1.6)	2
20	OR91758	M6 X 16mm HEX SOC HD SCR	2
21	OR91010	SPLITTER FRONT MOUNT	1
21A	OR91791	3mm X 10mm SPRING PIN	1
22	OR91013	SPLITTER SPRING CLIP	1
23	OR91753	M12 NUT	1
24	OR91795	4mm X 22mm SPRING PIN	1
25	OR91009	ANTI - KICKBACK FINGER	2
30	OR91789	1/4-28 X 3/8” NYLOK SET SCREW	4
31	OR91014	TABLE INSERT	1
32	OR91052	TABLE INSERT RETAINING BOLT	1
33	OR70134	TABLE	1
34	OR91821	M8X20 HEX SOC SET SCREW	2
36	OR90311	M8 FLAT WASHER	8
37	OR90248	M8 LOCK WASHER	8
38	OR90308	M8 X 30mm HEX HD SCR	8
39	OR70135	EXTENSION WING 12” CAST IRON	2
40	OR91817	SPECIAL WASHER (8.3X25X3.5)	4
41	OR90248	M8 LOCK WASHER	4
42	OR91752	M8 X 25mm HEX HD SCR	4
60	OR91040	SWITCH PADDLE	1
60A	OR90375	PAD LOCK AND KEY	1
61	OR93900	M4 X 25mm PAN HD TAP SCR	2
62	OR91060	SWITCH COVER ASSY (1.75 HP)	1
62A	OR90343	SWITCH (1.75 HP)	1
63	OR91063	SWITCH BOX	1
63A	0R91579	SWITCH RESET LABEL	1
64	OR91828	M4 X 16mm PAN HD TAP SCR	4
66	OR91062	SWITCH SUPPORT	1
67	OR90333	M6 X 10mm HEX HD SCR	2
68	OR90381	M5 HEX NUT	2
69	OR90362	M5 EXT TOOTH WASHER	4
70	OR90507	M5 X 8mm PAN HD SCR	2
73	OR70139	RESET SWITCH (25Amp,125/250V)	1
74	OR91032	JUMPER WIRE (BLACK, 1.75 HP)	1
75	OR91007	CORD W/FEMALE DISCONNECTOR	1
75A	OR70141	STRAIN RELIEF(7P-2)	2
76	OR91030	POWER CORD (1.75 HP)	1
77	OR70137	SWITCH COVER (3 HP)	1
78	OR70138	SWITCH ASSEMBLY (3 HP)	1
79	OR70142	POWER CORD (3 HP)	1
80	OR70140	JUMPER WIRE (BLACK, 3 HP)	1
114	OR91076	MITER GAGE BODY	1
115	OR91077	SPECIAL WASHER	1
116	OR91074	SPECIAL SCREW	1
119	OR91079	GUIDE BAR	1
120	OR91763	M4 X 16mm SET SCREW	4
121	OR91091	1/4” X 3/4” PIN	1
122	OR91774	M4 X 10mm PAN HD SCREW	2
122A	OR90143	M4 FLAT WASHER	2
123	OR91080	PLUNGER	1
124	OR91081	PLUNGER BLOCK	1
125	OR91082	CURSOR	1
126	OR91775	M4 X 15mm PAN HD SCREW	1
127	OR91776	M4 X 20mm PAN HD SCREW	3
127A	OR90078	M4 HEX NUT	3
130	OR91573	MITER SCALE	1
131	OR91084	SPECIAL WASHER	1
132	OR70136	MITER GAGE KNOB	1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1.75 HP
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222A
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224F
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224C
224D
224E
3 HP
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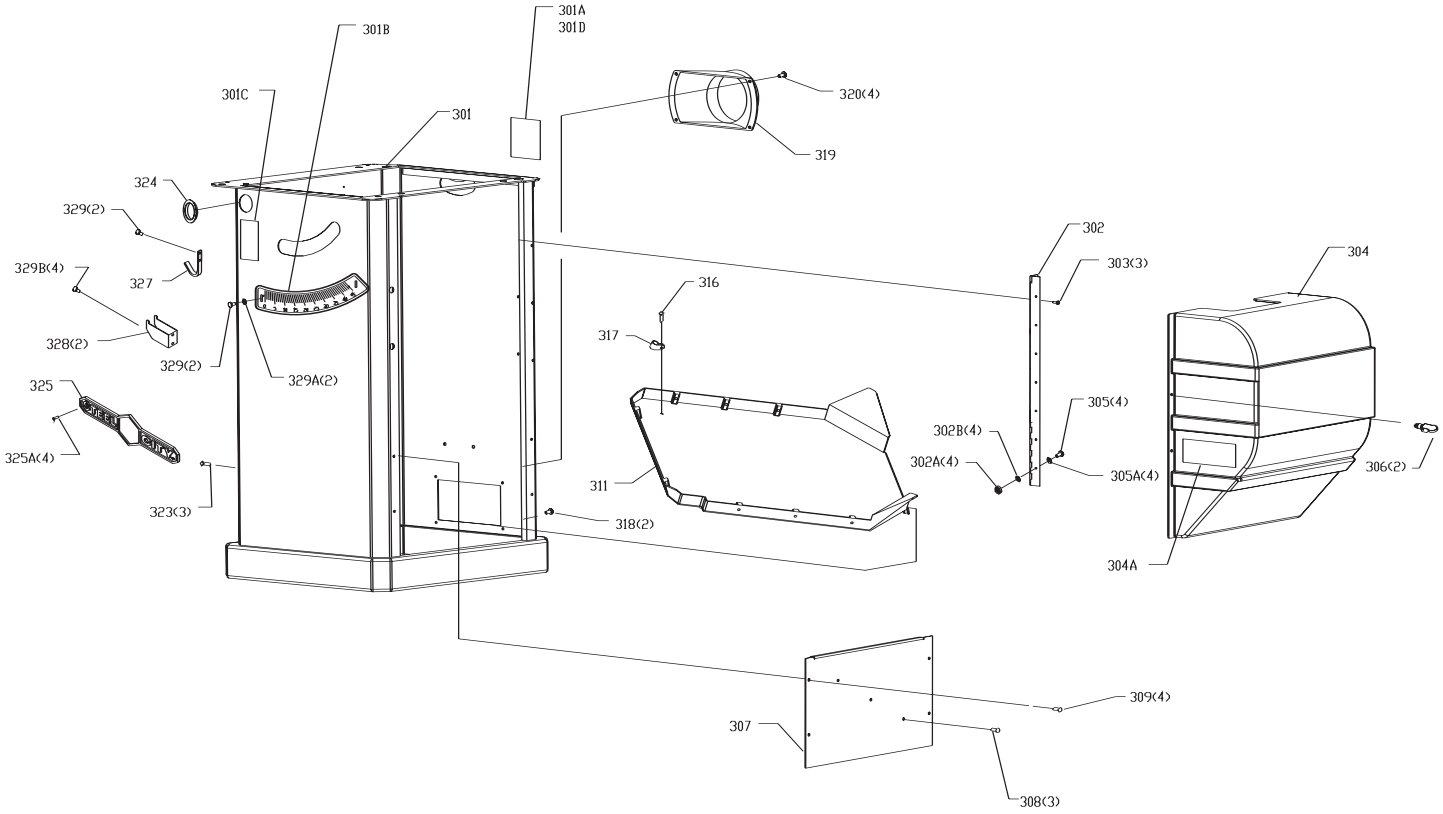
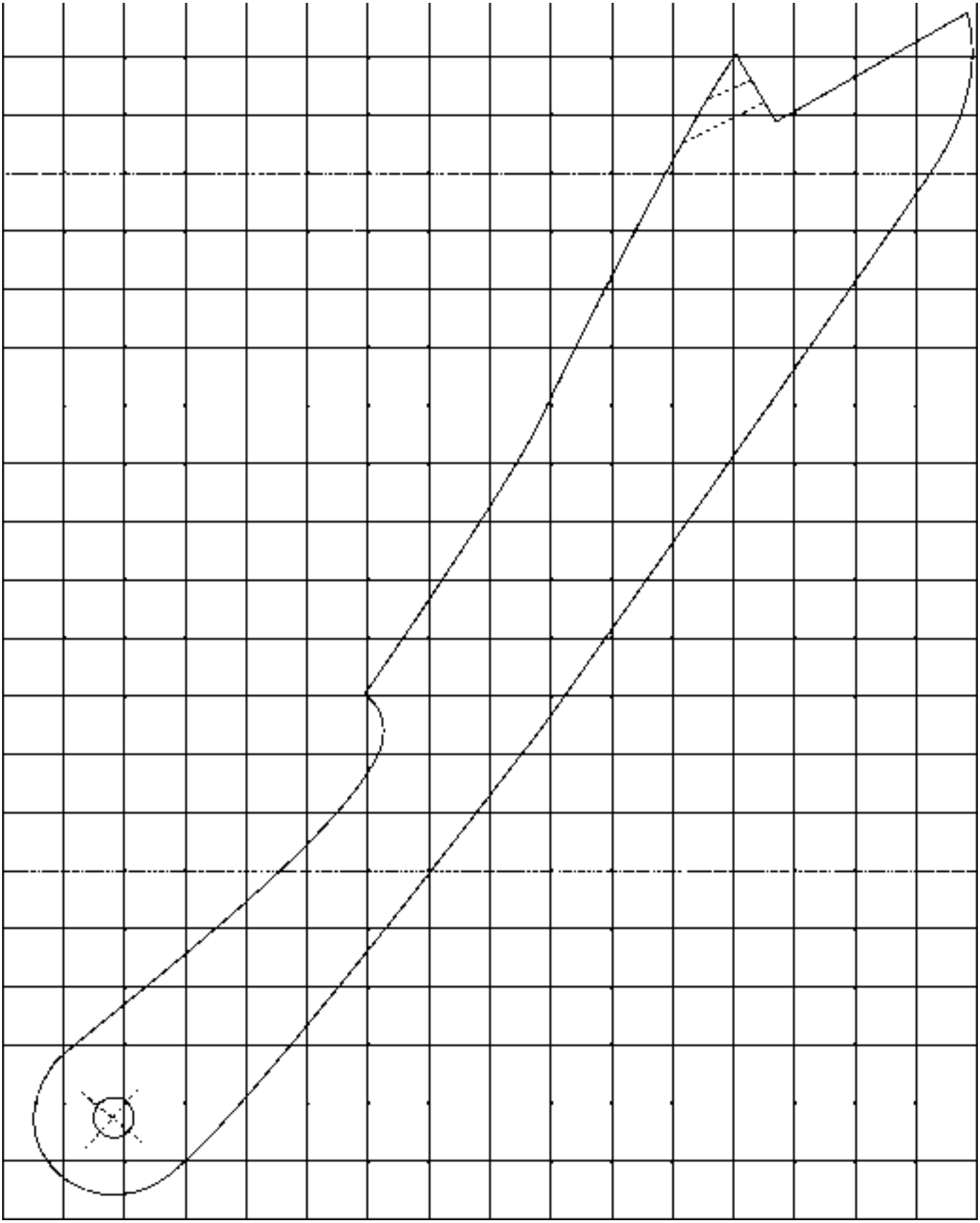
226A(4)
226(4)

KEY NO.	PART NO.	DESCRIPTION	QTY.
200	OR91767	5/8-18 JAM NUT	1
200A	OR91824	5x5x15 KEY	1
201	OR91020	ARBOR PULLEY (1.75 HP)	1
201A	OR70143	ARBOR PULLEY (3 HP)	1
202	OR91732	ARBOR SPACER (1.75 HP)	1
202A	OR70144	ARBOR SPACER (3 HP)	1
203	OR90761	M5X12 PAN HD SCR (3 HP)	3
203A	OR91734	SPANNER NUT (1.75 HP)	1
204	OR91733	<6203 LLB> BALL BEARING	1
205	OR91004	ELEVATING BRACKET (1.75HP)	1
205A	OR70145	ELEVATING BRACKET (3 HP)	1
206	OR91024	ARBOR SLEEVE	1
207	OR91801	<BWW 6203> WAVE WASHER	1
208	OR91733	<6203 LLB> BALL BEARING	1
209	OR91022	ARBOR SHAFT	1
210	OR70146	BLADE	1
211	OR91026	BLADE FLANGE	1
212	OR91050	BLADE HEX NUT-RH	1
213	OR91746	M10 x 45mm HEX HD SCR	2
214	OR90230	M10 FLAT WASHER	2
215	OR91003	REAR BRACKET	1
216	OR90230	M10 FLAT WASHER	2
217	OR90227	M10 LOCK WASHER	2
218	OR90228	M10 HEX NUT	2
219	OR91766	5/8-18 LOCK NUT	2
220	OR91721	BELT (1.75 HP)	1
220A	OR70147	BELT (3 HP)	1
221	OR90253	M5X12 HEX SOC SET SCR	1
222	OR91023	MOTOR PULLEY (1.75 HP)	1
222A	OR70148	MOTOR PULLEY (3 HP)	1
223	OR91770	5 x 5 x 36mm KEY	1
224	OR70427	MOTOR ASSEMBLY (1.75 HP)	1
224A	OR70149	CAPACITOR (300 MFD, 250 VOLT, 1.75 HP)	1
224B	OR70150	CAPACITOR (35 MFD, 250 VOLT, 1.75 HP)	1
224C	OR70428	MOTOR ASSEMBLY (3 HP)	1
224D	OR70151	CAPACITOR (150 MFD, 250 VOLT, 3 HP)	1
224E	OR70152	CAPACITOR (20 MFD, 250 VOLT, 3 HP)	1
224F	OR70153	JUNCTION BOX COVER	1
225	OR70374	MOTOR SPEC PLATE (1.75 HP)	1
225A	OR70375	MOTOR SPEC PLATE (3 HP)	1
226	OR90308	M8 X 30mm HEX HD SCR	4
226A	OR90311	M8 FLAT WASHER	4
227	OR90311	M8 FLAT WASHER	4
228	OR91001	MOTOR BRACKET	1
229	OR90248	M8 LOCK WASHER	4
230	OR90307	M8 HEX NUT	4
231	OR91825	8mm X 35mm SPRING PIN (1.75 HP)	1
232	OR91771	1/2-13UNC LOCK NUT	3
233	OR91784	1/2"FLAT WASHER	1
234	OR91802	WAVE WASHER	1
235	OR91054	MOTOR MOUNT STUD	1
236	OR91056	MOTOR SPRING (1.75 HP)	1
236A	OR70154	MOTOR SPRING (3 HP)	1
237	OR91057	STUD	1
238	OR91053	TIE BAR	2
239	OR91002	REAR TRUNNION	1
240	OR91790	SHAFT	1
241	OR91757	M5 x 20mm HEX SOC HD SCR	2
242	OR91744	GEAR	1
242A	OR91792	3mm x 15mm SPRING PIN	1
243	OR91047	ELEVATING SHAFT	1
244	OR91793	3mm x 20mm SPRING PIN	1
245	OR91767	5/8-18 JAM NUT	1
246	OR90283	M6 X 8mm HEX SOC SET SCR	1
247	OR91757	M5 x 20mm HEX SOC HD SCR	1
248	OR91005	FRONT TRUNNION	1
249	OR91800	WAVE WASHER	1
250	OR91766	5/8-18 LOCK NUT	2
251	OR91028	RAISE/LOWER SHAFT	1
252	OR91029	RAISE/LOWER SPACER	1
253	OR91019	POINTER	1
254	OR90059	M6 FLAT WASHER	1
255	OR91826	M6 X 16mm PAN HD SCR	1
256	OR70155	HANDWHEEL	1
256a	OR70156	KNOB	1
256b	OR91038	KNOB BOLT	1
256c	OR70157	KNOB END CAP	1
258	OR70158	HANDWHEEL LOCK KNOB	1
259	OR91744	GEAR	1
260	OR91792	3mm x 15mm SPRING PIN	1
261	OR91033	TILT SHAFT	1
261A	OR91793	3mm X 20mm SPRING PIN	1
262	OR91738	ECCENTRIC	1
263	OR91006	FRONT BRACKET	1
264	OR90230	M10 FLAT WASHER	2
265	OR91746	M10 X 45mm HEX HD SCR	2
266	OR91018	TILT COLLAR	1
266A	OR91740	3/8" FIBER WASHER	1
266B	OR91137	COLLAR	1
266C	OR91762	1/4-20 X 1/4" HEX SOC SET SCR	2
267	OR90283	M6 X 8mm HEX SOC SET SCR	1
268	OR90381	M5 NUT	2
268A	OR91827	M5 FLAT WASHER	2
269	OR91017	TILT PLATE	1
270	OR91786	M5 X 25mm PAN HD SCR	2
271	OR70155	HANDWHEEL	1
271a	OR70156	KNOB	1
271b	OR91038	KNOB BOLT	1
271c	OR70157	KNOB END CAP	1
273	OR70158	HANDWHEEL LOCK KNOB	1
274	OR91768	9/16-18 JAM HEX NUT	1
275	OR90230	M10 FLAT WASHER	2
276	OR90227	M10 LOCK WASHER	2
277	OR90228	M10 HEX NUT	2
280	OR91726	WRENCH	1
281	OR91727	OPEN END WRENCH	1
283	OR90290	3mm ALLEN WRENCH	1
284	OR90291	4mm ALLEN WRENCH	1
285	OR91728	5mm ALLEN WRENCH	1
286	OR91808	1/8"ALLEN WRENCH	1



KEY NO.	PART NO.	DESCRIPTION	QTY.
301	OR70159	CABINET ASSY WELDMENT	1
301A	OR70322	SPEC TAG (1.75 HP)	1
301B	OR70160	BEVEL SCALE	1
301C	OR91566	BLADE ELEVATION AND TILT LABEL	1
301D	OR70323	SPEC TAG (3 HP)	
302	OR70161	HINGE ASSY	1
302A	OR90381	M5 HEX NUT	4
302B	OR90462	M5 FLAT WASHER	4
303	OR91787	1/4-20 x 3/8 PAN HD TAP	3
304	OR70162	MOTOR COVER	1
304A	OR91564	WARNING LABEL	1
305	OR91777	M5 X 15mm PAN HEAD SCREW	4
305A	OR90462	M5 FLAT WASHER	4
306	OR91058	LATCH BLACK SWELL ASSY	2
307	OR70165	CABINET SIDE PANEL	1
308	OR91787	1/4-20 x 3/8 PAN HD TAP	3
309	OR91787	1/4-20 x 3/8 PAN HD TAP	4
311	OR91124	DUST CHUTE	1

KEY NO.	PART NO.	DESCRIPTION	QTY.
316	OR91787	1/4-20 x 3/8 PAN HD TAP	1
317	OR91737	CABLE CLAMP	1
318	OR91787	1/4-20 x 3/8 PAN HD TAP	2
319	OR91128	DUST PORT	1
320	OR91833	1/4-20 x 1/2 PAN HD TAP	4
323	OR91787	1/4-20 x 3/8 PAN HD TAP	3
324	OR91106	INSULATOR	1
325	OR70484	NAMEPLATE	1
325A	OR93823	RIVET	4
327	OR91134	WRENCH HOOK	1
328	OR91135	FENCE BRACKET	2
329	OR91832	M4 X 8mm PAN HD TAP SCR	2
329A	OR90143	M4 FLAT WASHER	2
329B	OR91787	1/4-20 x3/8 PAN HD TAP SCR	4
330	OR70131	OWNERS MANUAL (NOT SHOWN)	1
331	OR70163	OWNERS MANUAL FRENCH (NOT SHOWN)	1
332	OR70164	OWNERS MANUAL SPANISH (NOT SHOWN)	1



◆ NOTES ◆

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